WTC
Drawing Book 4

B1-300
through
B1-508

Perimeter Wall
Tables

WTCI-19-LERA

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
100B 68 66	210	127	85	85	491	491	529	85	85	0	0	129	75	75	491	491
300B 68 66	210	127	85	85	491	491	529	85	85	0	0	129	80	80	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100B 68 66	68	5/8	55	131	131	5/8 X16	5/16	0	5410	5010	1313
300B 68 66	68	5/8	60	131	131	9/16X16	5/16	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100B 68 66	67	5/8	60	131	131	5/8 X16	5/16	0	5410	5010	1313
300B 68 66	67	5/8	60	131	131	5/8 X16	5/16	0	5410	5010	1313

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-81-300

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
109B 69 66	300	134	55	55	441	492	135	55	55	442	492	135	55	55	442	492
118B 69 66	300	135	55	55	442	492	135	55	55	442	492	135	55	55	442	492
127B 69 66	300	135	55	55	442	442	135	55	55	442	442	135	55	55	442	442
133B 69 66	300	136	55	55	442	442	136	55	55	442	442	136	55	55	442	492
142B 69 66	300	135	55	55	492	492	135	55	55	492	492	135	60	60	492	492
151B 69 66	300	135	55	55	492	492	135	60	60	492	492	134	55	55	491	492

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109B 69 66	69	5/8	42	123	123	3/8 X16	5/16	0	5210	1411	5210
118B 69 66	69	5/8	42	123	122	5/16X16	5/16	0	1411	5210	1411
127B 69 66	69	5/8	42	122	122	5/16X14	5/16	0	5110	1411	5210
133B 69 66	69	5/8	42	122	123	5/16X16	5/16	0	5210	1411	5110
142B 69 66	69	5/8	42	123	123	3/8 X16	5/16	0	1411	5210	1411
151B 69 66	69	5/8	42	123	123	3/8 X16	5/16	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1098 69 66	68	5/8	42	123	123	3/8 X16	5/16	0	5210	1411	5210
118B 69 66	68	5/8	36	123	123	3/8 X16	5/16	0	1411	5210	1411
127B 69 66	68	5/8	36	122	122	5/16X14	5/16	0	5110	1411	5210
133B 69 66	68	5/8	42	122	123	3/8 X16	5/16	0	5210	1411	5110
142B 69 66	68	5/8	42	123	123	3/8 X16	5/16	0	1411	5210	1411
151B 69 66	68	5/8	42	123	123	3/8 X16	5/16	0	5210	1411	5210

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — PERMIT OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1098 69 66	67	5/8	36	123	123	3/8 X16	5/16	0	5210	1411	5210
118B 69 66	67	5/8	36	123	123	3/8 X16	5/16	0	1411	5210	1411
127B 69 66	67	5/8	42	122	122	5/16X15	5/16	0	5110	1411	5210
133B 69 66	67	5/8	42	123	123	3/8 X16	5/16	0	5210	1411	5110
142B 69 66	67	5/8	42	123	123	7/16X16	5/16	0	1411	5210	1411
151B 69 66	67	5/8	42	123	123	7/16X16	5/16	0	5210	1411	5210

4-81-301

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
209B	69	66	300	124	85	85	441	441	124	75	75	441	441	124	75	75	441	441
218B	69	66	300	129	55	55	431	441	129	55	55	431	431	129	55	55	431	431
227B	69	66	300	128	55	55	431	431	128	55	55	421	431	128	55	55	421	431
233B	69	66	300	128	55	55	421	431	128	60	60	421	431	128	60	60	431	431
242B	69	66	300	129	60	60	431	431	129	60	60	431	431	129	60	60	431	441
251B	69	66	300	124	80	80	441	441	124	80	80	441	441	124	85	85	441	441

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209B	69	66	69	5/8	60	122	122	3/8 X16	1/4	0	5010	5210	1212
218B	69	66	69	5/8	42	122	122	5/16X11	5/16	0	1611	5210	1111
227B	69	66	69	5/8	36	121	121	1/4 X12	1/4	0	5110	1111	5210
233B	69	66	69	5/8	42	121	121	1/4 X12	1/4	0	5210	1111	5110
242B	69	66	69	5/8	42	122	122	5/16X11	5/16	0	1111	5210	1611
251B	69	66	69	5/8	60	122	122	5/16X16	1/4	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209B	69	66	68	5/8	55	122	122	3/8 X16	1/4	0	5010	5210	1212
218B	69	66	68	5/8	42	122	122	5/16X11	5/16	0	1611	5210	1111
227B	69	66	68	5/8	36	121	121	1/4 X12	1/4	0	5110	1111	5210
233B	69	66	68	5/8	42	121	121	1/4 X12	1/4	0	5210	1111	5110
242B	69	66	68	5/8	42	122	122	5/16X11	5/16	0	1111	5210	1611
251B	69	66	68	5/8	55	122	122	5/16X16	1/4	0	1212	5210	5010

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209B	69	66	67	5/8	55	122	122	3/8 X16	1/4	0	5010	5210	1212
218B	69	66	67	5/8	42	122	122	5/16X11	5/16	0	1611	5210	1111
227B	69	66	67	5/8	42	121	121	1/4 X12	1/4	0	5110	1111	5210
233B	69	66	67	5/8	42	121	121	1/4 X12	1/4	0	5210	1111	5110
242B	69	66	67	5/8	42	122	122	5/16X11	5/16	0	1111	5210	1611
251B	69	66	67	5/8	55	122	122	5/16X16	1/4	0	1212	5210	5010

4-B1-302

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
309B	69	66	300	134	55	55	441	492	135	55	55	442	492	135	55	55	442	492
318B	69	66	300	135	55	55	442	442	135	55	55	442	442	135	50	50	442	442
327B	69	66	300	135	50	50	442	442	135	50	50	442	442	135	45	45	442	442
333B	69	66	300	136	50	50	442	442	136	50	50	442	442	136	50	50	442	492
342B	69	66	300	135	55	55	492	492	135	55	55	492	492	135	55	55	492	492
351B	69	66	300	135	55	55	492	492	135	60	60	492	492	134	60	60	491	492

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309B	69	66	69	5/8	42	122	122	5/16X15	5/16	0	5210	1411	5210
318B	69	66	69	5/8	36	122	122	5/16X15	5/16	0	1411	5210	1411
327B	69	66	69	5/8	36	122	122	5/16X13	5/16	0	5110	1411	5210
333B	69	66	69	5/8	36	122	122	5/16X15	5/16	0	5210	1411	5110
342B	69	66	69	5/8	42	123	123	3/8 X16	5/16	0	1411	5210	1411
351B	69	66	69	5/8	42	123	123	3/8 X16	5/16	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309B	69	66	68	5/8	42	122	122	5/16X16	5/16	0	5210	1411	5210
318B	69	66	68	5/8	36	122	122	5/16X15	5/16	0	1411	5210	1411
327B	69	66	68	5/8	36	122	122	5/16X14	5/16	0	5110	1411	5210
333B	69	66	68	5/8	36	122	123	3/8 X16	5/16	0	5210	1411	5110
342B	69	66	68	5/8	36	123	123	3/8 X16	5/16	0	1411	5210	1411
351B	69	66	68	5/8	42	123	123	3/8 X16	5/16	0	5210	1411	5210

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309B	69	66	67	5/8	42	123	123	3/8 X16	5/16	0	5210	1411	5210
318B	69	66	67	5/8	36	123	122	5/16X16	5/16	0	1411	5210	1411
327B	69	66	67	5/8	36	122	122	5/16X14	5/16	0	5110	1411	5210
333B	69	66	67	5/8	36	122	123	3/8 X16	5/16	0	5210	1411	5110
342B	69	66	67	5/8	36	123	123	3/8 X16	5/16	0	1411	5210	1411
351B	69	66	67	5/8	42	123	123	3/8 X16	5/16	0	5210	1411	5210

4-81-303

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER		PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
			TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
409B	69 66	300	124	90	90	441	441	124	85	85	441	441	124	85	85	441	441
418B	69 66	300	129	60	60	431	441	129	60	60	431	431	129	60	60	431	431
427B	69 66	300	128	60	60	431	431	128	60	60	421	431	128	60	60	421	431
433B	69 66	300	128	55	55	431	431	128	55	55	431	431	128	55	55	431	431
442B	69 66	300	129	50	50	431	441	129	50	50	431	441	129	55	55	441	441
451B	69 66	300	124	75	75	441	441	124	75	75	441	441	124	80	80	441	441

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
409B	69 66	69	5/8	60	122	122	5/16X16	1/4	0	5010	5210	1212
418B	69 66	69	5/8	42	122	122	5/16X11	5/16	0	1611	5210	1111
427B	69 66	69	5/8	42	121	121	1/4 X11	1/4	0	5110	1111	5210
433B	69 66	69	5/8	36	121	122	1/4 X13	1/4	0	5210	1111	5110
442B	69 66	69	5/8	36	122	122	5/16X11	5/16	0	1111	5210	1611
451B	69 66	69	5/8	55	122	122	5/16X16	1/4	0	1212	5210	5010

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
409B	69 66	68	5/8	60	122	122	3/8 X16	1/4	0	5010	5210	1212
418B	69 66	68	5/8	42	122	122	5/16X11	5/16	0	1611	5210	1111
427B	69 66	68	5/8	42	121	121	1/4 X12	1/4	0	5110	1111	5210
433B	69 66	68	5/8	36	121	122	1/4 X13	1/4	0	5210	1111	5110
442B	69 66	68	5/8	36	122	122	5/16X12	5/16	0	1111	5210	1611
451B	69 66	68	5/8	55	122	122	3/8 X16	1/4	0	1212	5210	5010

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
409B	69 66	67	5/8	60	122	122	3/8 X16	1/4	0	5010	5210	1212
418B	69 66	67	5/8	42	122	122	5/16X11	5/16	0	1611	5210	1111
427B	69 66	67	5/8	42	121	121	1/4 X12	1/4	0	5110	1111	5210
433B	69 66	67	5/8	42	121	122	1/4 X13	1/4	0	5210	1111	5110
442B	69 66	67	5/8	36	122	122	5/16X12	5/16	0	1111	5210	1611
451B	69 66	67	5/8	55	122	122	3/8 X16	1/4	0	1212	5210	5010

4-81-304

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
2008 69 67	210	129	75	75	491	491	529	90	90	0	0	127	90	90	491	491
4008 69 67	210	129	80	80	491	491	529	100	100	0	0	127	100	100	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2008 69 67	69	5/8	60	131	131	5/8 X16	5/16	0	1313	5010	5610
4008 69 67	69	5/8	65	131	131	5/8 X16	5/16	0	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2008 69 67	68	5/8	60	131	131	5/8 X16	5/16	0	1313	5010	5610
4008 69 67	68	5/8	60	131	131	5/8 X16	5/16	0	1313	5010	5610

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-B1-305

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
106B 70 67	300	132	60	60	441	491	132	55	55	441	491	132	55	55	441	491
115B 70 67	300	135	55	55	442	492	135	55	55	442	492	135	55	55	442	492
124B 70 67	300	135	55	55	442	442	135	55	55	442	442	135	55	55	442	442
136B 70 67	300	135	55	55	442	492	135	55	55	442	492	135	55	55	442	492
145B 70 67	300	135	60	60	492	492	135	60	60	492	492	135	55	55	492	492
154B 70 67	300	132	60	60	441	491	132	55	55	441	491	132	60	60	441	491

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106B 70 67	70	5/8	42	122	122	5/16X15	5/16	0	1311	5110	1411
115B 70 67	70	5/8	36	122	122	5/16X16	5/16	0	5110	1411	5110
124B 70 67	70	5/8	36	122	122	5/16X14	5/16	0	1411	5110	1411
136B 70 67	70	5/8	36	122	123	3/8 X16	5/16	0	1411	5110	1411
145B 70 67	70	5/8	42	123	123	3/8 X16	5/16	0	5110	1411	5110
154B 70 67	70	5/8	42	123	123	5/16X16	5/16	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106B 70 67	69	5/8	42	123	123	5/16X16	5/16	0	1311	5110	1411
115B 70 67	69	5/8	42	123	123	3/8 X16	5/16	0	5110	1411	5110
124B 70 67	69	5/8	42	122	122	5/16X15	5/16	0	1411	5110	1411
136B 70 67	69	5/8	42	123	123	3/8 X16	5/16	0	1411	5110	1411
145B 70 67	69	5/8	42	123	123	3/8 X16	5/16	0	5110	1411	5110
154B 70 67	69	5/8	42	123	123	3/8 X16	5/16	0	1411	5110	1311

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106B 70 67	68	5/8	42	123	123	5/16X16	5/16	0	1311	5110	1411
115B 70 67	68	5/8	36	123	123	3/8 X16	5/16	0	5110	1411	5110
124B 70 67	68	5/8	36	122	122	5/16X15	5/16	0	1411	5110	1411
136B 70 67	68	5/8	42	123	123	3/8 X16	5/16	0	1411	5110	1411
145B 70 67	68	5/8	42	123	123	3/8 X16	5/16	0	5110	1411	5110
154B 70 67	68	5/8	42	123	123	3/8 X16	5/16	0	1411	5110	1311

4-81-306

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
206B 70 67	300	123	85	85	441	441	124	85	85	441	441	124	85	85	441	441
215B 70 67	300	126	65	65	441	441	128	60	60	431	441	129	60	60	431	441
224B 70 67	300	128	55	55	431	431	128	55	55	431	431	128	55	55	431	431
236B 70 67	300	128	60	60	431	431	128	60	60	431	431	128	60	60	431	431
245B 70 67	300	129	65	65	431	441	128	65	65	431	441	126	70	70	441	441
254B 70 67	300	124	85	85	441	441	124	85	85	441	441	123	90	90	441	441

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206B 70 67	70	5/8	60	122	122	5/16X16	1/4	0	5110	1212	5110
215B 70 67	70	5/8	45	122	122	5/16X16	1/4	0	1212	5510	5110
224B 70 67	70	5/8	42	122	121	1/4 X13	1/4	0	1111	5110	1111
236B 70 67	70	5/8	42	121	122	1/4 X13	1/4	0	1111	5110	1111
245B 70 67	70	5/8	46	122	122	5/16X16	1/4	0	5110	5310	1212
254B 70 67	70	5/8	60	122	122	5/16X16	1/4	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206B 70 67	69	5/8	60	122	122	3/8 X16	1/4	0	5110	1212	5110
215B 70 67	69	5/8	45	122	122	5/16X16	1/4	0	1212	5510	5110
224B 70 67	69	5/8	42	122	121	1/4 X13	1/4	0	1111	5110	1111
236B 70 67	69	5/8	42	121	122	1/4 X13	1/4	0	1111	5110	1111
245B 70 67	69	5/8	50	122	122	5/16X16	1/4	0	5110	5310	1212
254B 70 67	69	5/8	60	122	122	5/16X16	1/4	0	5110	1212	5110

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206B 70 67	68	5/8	60	122	122	3/8 X16	1/4	0	5110	1212	5110
215B 70 67	68	5/8	45	122	122	5/16X16	1/4	0	1212	5510	5110
224B 70 67	68	5/8	42	122	121	1/4 X13	1/4	0	1111	5110	1111
236B 70 67	68	5/8	42	121	122	1/4 X13	1/4	0	1111	5110	1111
245B 70 67	68	5/8	50	122	122	5/16X16	1/4	0	5110	5310	1212
254B 70 67	68	5/8	60	122	122	5/16X16	1/4	0	5110	1212	5110

4-81-307

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
306B 70 67	300	132	60	60	441	441	132	55	55	441	441	132	60	60	441	441
315B 70 67	300	135	55	55	442	442	135	55	55	442	442	135	55	55	442	442
324B 70 67	300	135	50	50	442	442	135	50	50	442	442	135	50	50	442	442
336B 70 67	300	135	50	50	442	492	135	50	50	442	492	135	50	50	442	492
345B 70 67	300	135	55	55	492	492	135	55	55	492	492	135	55	55	492	492
354B 70 67	300	132	60	60	441	491	132	60	60	441	491	132	65	65	441	491

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306B 70 67	70	5/8	42	122	122	5/16X14	5/16	0	1311	5110	1411
315B 70 67	70	5/8	36	122	122	5/16X15	5/16	0	5110	1411	5110
324B 70 67	70	5/8	36	122	122	5/16X14	5/16	0	1411	5110	1411
336B 70 67	70	5/8	36	122	123	5/16X16	5/16	0	1411	5110	1411
345B 70 67	70	5/8	42	123	123	3/8 X16	5/16	0	5110	1411	5110
354B 70 67	70	5/8	42	123	122	5/16X15	5/16	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306B 70 67	69	5/8	42	122	122	5/16X15	5/16	0	1311	5110	1411
315B 70 67	69	5/8	36	122	122	5/16X15	5/16	0	5110	1411	5110
324B 70 67	69	5/8	36	122	122	5/16X14	5/16	0	1411	5110	1411
336B 70 67	69	5/8	36	122	123	5/16X16	5/16	0	1411	5110	1411
345B 70 67	69	5/8	42	123	123	3/8 X16	5/16	0	5110	1411	5110
354B 70 67	69	5/8	42	123	123	5/16X16	5/16	0	1411	5110	1311

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — CITY OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306B 70 67	68	5/8	42	122	122	5/16X15	5/16	0	1311	5110	1411
315B 70 67	68	5/8	36	122	122	5/16X16	5/16	0	5110	1411	5110
324B 70 67	68	5/8	36	122	122	5/16X14	5/16	0	1411	5110	1411
336B 70 67	68	5/8	36	123	123	3/8 X16	5/16	0	1411	5110	1411
345B 70 67	68	5/8	36	123	123	3/8 X16	5/16	0	5110	1411	5110
354B 70 67	68	5/8	42	123	123	3/8 X16	5/16	0	1411	5110	1311

4-81-308

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
406B 70 67	300	123	90	90	441	441	124	90	90	441	441	124	90	90	441	441
415B 70 67	300	126	75	75	441	441	128	65	65	431	441	129	65	65	431	441
424B 70 67	300	128	60	60	431	431	128	60	60	431	431	128	60	60	431	431
436B 70 67	300	128	55	55	431	431	128	55	55	431	431	128	55	55	431	431
445B 70 67	300	129	55	55	441	441	128	60	60	441	441	126	65	65	441	441
454B 70 67	300	124	85	85	441	441	124	85	85	441	441	123	85	85	441	441

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406B 70 67	70	5/8	60	122	122	5/16X16	1/4	0	5110	1212	5110
415B 70 67	70	5/8	50	122	122	5/16X16	1/4	0	1212	5510	5110
424B 70 67	70	5/8	42	121	121	1/4 X12	1/4	0	1111	5110	1111
436B 70 67	70	5/8	36	121	122	1/4 X13	1/4	0	1111	5110	1111
445B 70 67	70	5/8	42	122	122	5/16X16	1/4	0	5110	5310	1212
454B 70 67	70	5/8	55	122	122	5/16X16	1/4	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406B 70 67	69	5/8	60	122	122	5/16X16	1/4	0	5110	1212	5110
415B 70 67	69	5/8	50	122	122	5/16X16	1/4	0	1212	5510	5110
424B 70 67	69	5/8	42	122	121	1/4 X13	1/4	0	1111	5110	1111
436B 70 67	69	5/8	36	122	122	1/4 X14	1/4	0	1111	5110	1111
445B 70 67	69	5/8	45	122	122	5/16X16	1/4	0	5110	5310	1212
454B 70 67	69	5/8	60	122	122	5/16X16	1/4	0	5110	1212	5110

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406B 70 67	68	5/8	65	122	122	3/8 X16	1/4	0	5110	1212	5110
415B 70 67	68	5/8	50	122	122	5/16X16	1/4	0	1212	5510	5110
424B 70 67	68	5/8	42	122	121	1/4 X13	1/4	0	1111	5110	1111
436B 70 67	68	5/8	36	122	122	1/4 X14	1/4	0	1111	5110	1111
445B 70 67	68	5/8	45	122	122	5/16X16	1/4	0	5110	5310	1212
454B 70 67	68	5/8	60	122	122	3/8 X16	1/4	0	5110	1212	5110

4-81-309

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
1008 70 68	210	126	85	85	491	491	529	85	85	0	0	129	80	80	491	491
3008 70 68	210	126	90	90	491	491	529	90	90	0	0	129	85	85	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	WLD NO 6	WLD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
1008 70 68	70	5/8	60	131	131	9/16X16	5/16	0	5410	5010	1313
3008 70 68	70	5/8	60	131	131	9/16X16	5/16	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	WLD NO 6	WLD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
1008 70 68	69	5/8	60	131	131	9/16X16	5/16	0	5410	5010	1313
3008 70 68	69	5/8	65	131	131	9/16X16	5/16	0	5410	5010	1313

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

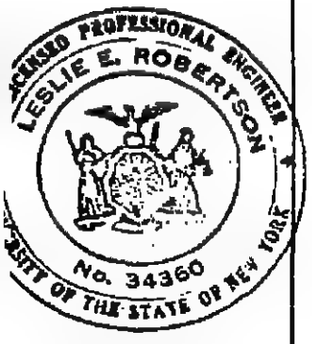
4-81-310

VISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
103B	71	68	300	126	80	80	491	491	128	65	65	441	441	129	60	60	441	441
112B	71	68	300	134	55	55	442	492	134	55	55	442	492	134	55	55	442	492
121B	71	68	300	134	55	55	442	442	134	55	55	442	442	134	55	55	442	442
130B	71	68	300	135	55	55	442	442	135	55	55	442	442	135	55	55	442	442
139B	71	68	300	135	55	55	442	492	135	55	55	442	492	135	55	55	442	492
148B	71	68	300	134	55	55	492	492	134	55	55	492	492	134	55	55	492	492
157B	71	68	300	129	65	65	441	491	128	70	70	441	491	126	80	80	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103B	71	68	71	9/16	60	131	122	7/16X16	1/4	0	5110	1311	5210
112B	71	68	71	9/16	42	122	122	5/16X15	5/16	0	1511	5210	1411
121B	71	68	71	9/16	42	122	122	5/16X15	5/16	0	5210	1411	5210
130B	71	68	71	9/16	42	122	122	5/16X14	5/16	0	1411	5210	1411
139B	71	68	71	9/16	42	123	123	3/8 X16	5/16	0	5210	1411	5210
148B	71	68	71	9/16	42	123	123	3/8 X16	5/16	0	1411	5210	1511
157B	71	68	71	9/16	65	122	131	1/2 X16	1/4	0	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103B	71	68	70	5/8	60	131	122	7/16X16	1/4	0	5110	1311	5210
112B	71	68	70	5/8	36	122	122	5/16X16	5/16	0	1511	5210	1411
121B	71	68	70	5/8	36	122	122	5/16X15	5/16	0	5210	1411	5210
130B	71	68	70	5/8	36	122	122	5/16X14	5/16	0	1411	5210	1411
139B	71	68	70	5/8	42	123	123	3/8 X16	5/16	0	5210	1411	5210
148B	71	68	70	5/8	42	123	123	3/8 X16	5/16	0	1411	5210	1511
157B	71	68	70	5/8	65	123	131	1/2 X16	1/4	0	5210	1311	5110



PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103B	71	68	69	5/8	65	131	123	1/2 X16	1/4	0	5110	1311	5210
112B	71	68	69	5/8	42	123	123	3/8 X16	5/16	0	1511	5210	1411
121B	71	68	69	5/8	42	122	122	5/16X15	5/16	0	5210	1411	5210
130B	71	68	69	5/8	36	122	122	5/16X15	5/16	0	1411	5210	1411
139B	71	68	69	5/8	42	123	123	3/8 X16	5/16	0	5210	1411	5210
148B	71	68	69	5/8	42	123	123	3/8 X16	5/16	0	1411	5210	1511
157B	71	68	69	5/8	65	123	131	1/2 X16	1/4	0	5210	1311	5110

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
203B 71 68	300	123	100	100	491	491	123	90	90	441	441	123	85	85	441	441
212B 71 68	300	124	80	80	441	441	124	75	75	441	441	125	70	70	441	441
221B 71 68	300	129	55	55	431	431	129	55	55	431	431	128	55	55	431	431
230B 71 68	300	128	55	55	421	421	128	55	55	421	421	128	55	55	421	421
239B 71 68	300	128	60	60	431	431	129	60	60	431	431	129	60	60	431	431
248B 71 68	300	125	75	75	431	441	124	80	80	431	441	124	85	85	441	441
257B 71 68	300	123	85	85	441	441	123	85	85	441	441	123	100	100	441	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203B 71 68	71	9/16	80	131	122	7/16X16	1/4	0	1013	5210	5010
212B 71 68	71	9/16	55	122	122	5/16X16	1/4	0	5210	5010	5210
221B 71 68	71	9/16	42	122	122	1/4 X14	1/4	0	5210	1111	5210
230B 71 68	71	9/16	42	121	121	1/4 X10	1/4	0	1111	5210	1111
239B 71 68	71	9/16	42	122	122	1/4 X14	1/4	0	5210	1111	5210
248B 71 68	71	9/16	60	122	122	1/4 X16	1/4	0	5210	5010	5210
257B 71 68	71	9/16	75	122	131	3/8 X16	1/4	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203B 71 68	70	5/8	75	131	122	7/16X16	1/4	0	1013	5210	5010
212B 71 68	70	5/8	50	122	122	5/16X16	1/4	0	5210	5010	5210
221B 71 68	70	5/8	42	122	122	1/4 X14	1/4	0	5210	1111	5210
230B 71 68	70	5/8	42	121	121	1/4 X10	1/4	0	1111	5210	1111
239B 71 68	70	5/8	42	122	122	1/4 X14	1/4	0	5210	1111	5210
248B 71 68	70	5/8	55	122	122	5/16X16	1/4	0	5210	5010	5210
257B 71 68	70	5/8	75	122	131	3/8 X16	1/4	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203B 71 68	69	5/8	75	131	122	7/16X16	1/4	0	1013	5210	5010
212B 71 68	69	5/8	50	122	122	5/16X16	1/4	0	5210	5010	5210
221B 71 68	69	5/8	42	122	122	1/4 X15	1/4	0	5210	1111	5210
230B 71 68	69	5/8	42	121	121	1/4 X11	1/4	0	1111	5210	1111
239B 71 68	69	5/8	42	122	122	1/4 X15	1/4	0	5210	1111	5210
248B 71 68	69	5/8	55	122	122	5/16X16	1/4	0	5210	5010	5210
257B 71 68	69	5/8	75	122	131	3/8 X16	1/4	0	5010	5210	1013

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
3038 71 68	300	126	80	80	441	491	128	70	70	441	441	129	65	65	441	441
3128 71 68	300	134	55	55	442	442	134	55	55	442	442	134	55	55	442	442
3218 71 68	300	134	50	50	442	442	134	50	50	442	442	134	50	50	442	442
3308 71 68	300	135	46	46	442	442	135	50	50	442	442	135	46	46	442	442
3398 71 68	300	135	50	50	442	492	135	50	50	442	492	135	55	55	442	492
3488 71 68	300	134	55	55	442	492	134	55	55	442	492	134	55	55	442	492
3578 71 68	300	129	65	65	441	441	128	70	70	441	441	126	85	85	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
3038 71 68	71	9/16	65	131	122	7/16X16	1/4	0	5110	1311	5210
3128 71 68	71	9/16	42	122	122	5/16X15	5/16	0	1511	5210	1411
3218 71 68	71	9/16	36	122	122	5/16X14	5/16	0	5210	1411	5210
3308 71 68	71	9/16	36	122	122	5/16X13	5/16	0	1411	5210	1411
3398 71 68	71	9/16	42	122	122	5/16X16	5/16	0	5210	1411	5210
3488 71 68	71	9/16	42	123	123	3/8 X16	5/16	0	1411	5210	1511
3578 71 68	71	9/16	65	122	131	7/16X16	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
3038 71 68	70	5/8	65	131	122	7/16X16	1/4	0	5110	1311	5210
3128 71 68	70	5/8	36	122	122	5/16X15	5/16	0	1511	5210	1411
3218 71 68	70	5/8	36	122	122	5/16X14	5/16	0	5210	1411	5210
3308 71 68	70	5/8	36	122	122	5/16X14	5/16	0	1411	5210	1411
3398 71 68	70	5/8	36	123	123	3/8 X16	5/16	0	5210	1411	5210
3488 71 68	70	5/8	42	123	123	3/8 X16	5/16	0	1411	5210	1511
3578 71 68	70	5/8	65	122	131	7/16X16	1/4	0	5210	1311	5110

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34960 — STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
3038 71 68	69	5/8	65	131	122	7/16X16	1/4	0	5110	1311	5210
3128 71 68	69	5/8	36	122	122	5/16X16	5/16	0	1511	5210	1411
3218 71 68	69	5/8	36	122	122	5/16X15	5/16	0	5210	1411	5210
3308 71 68	69	5/8	36	122	122	5/16X14	5/16	0	1411	5210	1411
3398 71 68	69	5/8	36	123	123	3/8 X16	5/16	0	5210	1411	5210
3488 71 68	69	5/8	42	123	123	3/8 X16	5/16	0	1411	5210	1511
3578 71 68	69	5/8	65	123	131	1/2 X16	1/4	0	5210	1311	5110

4-81-313

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
403B 71 68	300	123	100	100	441	491	123	100	100	441	441	123	90	90	441	441
412B 71 68	300	124	85	85	441	441	124	80	80	431	441	125	75	75	431	441
421B 71 68	300	129	60	60	431	431	129	60	60	431	431	128	60	60	431	431
430B 71 68	300	128	55	55	421	421	128	55	55	421	421	128	55	55	421	431
439B 71 68	300	128	55	55	431	431	129	55	55	431	431	129	55	55	431	431
448B 71 68	300	125	70	70	441	441	124	75	75	441	441	124	80	80	441	441
457B 71 68	300	123	85	85	441	441	123	90	90	441	441	123	100	100	441	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403B 71 68	71	9/16	85	131	122	3/8 X16	1/4	0	1013	5210	5010
412B 71 68	71	9/16	60	122	122	1/4 X16	1/4	0	5210	5010	5210
421B 71 68	71	9/16	42	122	121	1/4 X13	1/4	0	5210	1111	5210
430B 71 68	71	9/16	42	121	121	1/4 X11	1/4	0	1111	5210	1111
439B 71 68	71	9/16	36	122	122	1/4 X15	1/4	0	5210	1111	5210
448B 71 68	71	9/16	55	122	122	5/16X16	1/4	0	5210	5010	5210
457B 71 68	71	9/16	80	122	131	3/8 X16	1/4	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403B 71 68	70	5/8	75	131	122	7/16X16	1/4	0	1013	5210	5010
412B 71 68	70	5/8	55	122	122	5/16X16	1/4	0	5210	5010	5210
421B 71 68	70	5/8	42	122	121	1/4 X14	1/4	0	5210	1111	5210
430B 71 68	70	5/8	42	121	121	1/4 X11	1/4	0	1111	5210	1111
439B 71 68	70	5/8	36	122	122	1/4 X15	1/4	0	5210	1111	5210
448B 71 68	70	5/8	50	122	122	5/16X16	1/4	0	5210	5010	5210
457B 71 68	70	5/8	70	122	131	7/16X16	1/4	0	5010	5210	1013

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403B 71 68	69	5/8	80	131	122	7/16X16	1/4	0	1013	5210	5010
412B 71 68	69	5/8	55	122	122	5/16X16	1/4	0	5210	5010	5210
421B 71 68	69	5/8	42	122	122	1/4 X14	1/4	0	5210	1111	5210
430B 71 68	69	5/8	42	121	121	1/4 X11	1/4	0	1111	5210	1111
439B 71 68	69	5/8	36	122	122	1/4 X15	1/4	0	5210	1111	5210
448B 71 68	69	5/8	50	122	122	5/16X16	1/4	0	5210	5010	5210
457B 71 68	69	5/8	75	122	131	7/16X16	1/4	0	5010	5210	1013

4-81-314

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
200B 71 69	210	128	80	80	491	491	528	85	85	0	0	126	85	85	491	491
400B 71 69	210	128	85	85	491	491	528	90	90	0	0	126	90	90	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200B 71 69	71	9/16	60	131	131	9/16X16	5/16	0	1313	5010	5610
400B 71 69	71	9/16	65	131	131	9/16X16	5/16	0	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200B 71 69	70	5/8	60	131	131	9/16X16	5/16	0	1313	5010	5610
400B 71 69	70	5/8	65	131	131	9/16X16	5/16	0	1313	5010	5610

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF THE STATE OF NEW YORK

4-B1-315

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

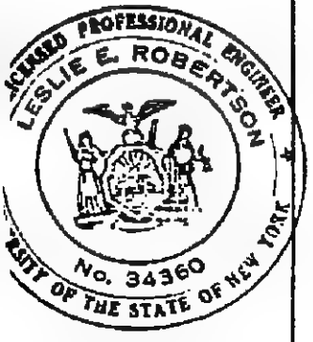
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

ISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
109B	72	69	300	132	55	55	441	441	133	55	55	441	442	134	55	55	441	442
118B	72	69	300	134	55	55	441	442	134	55	55	441	442	134	55	55	441	442
127B	72	69	300	134	55	55	441	442	134	55	55	441	442	134	55	55	442	442
133B	72	69	300	135	55	55	442	442	135	55	55	442	442	135	55	55	442	442
142B	72	69	300	135	55	55	442	492	134	60	60	442	492	134	60	60	441	492
151B	72	69	300	134	55	55	441	492	133	60	60	441	492	132	60	60	441	491

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109B	72	69	72	9/16	42	122	122	5/16X14	5/16	0	5210	1411	5210
118B	72	69	72	9/16	36	122	122	5/16X15	5/16	0	1411	5210	1411
127B	72	69	72	9/16	42	122	122	5/16X13	5/16	0	5110	1411	5210
133B	72	69	72	9/16	42	122	122	5/16X14	5/16	0	5210	1411	5110
142B	72	69	72	9/16	42	123	123	5/16X16	5/16	0	1411	5210	1411
151B	72	69	72	9/16	42	123	122	5/16X15	5/16	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109B	72	69	71	9/16	42	122	122	5/16X15	5/16	0	5210	1411	5210
118B	72	69	71	9/16	42	122	122	5/16X15	5/16	0	1411	5210	1411
127B	72	69	71	9/16	42	122	122	5/16X13	5/16	0	5110	1411	5210
133B	72	69	71	9/16	42	122	122	5/16X15	5/16	0	5210	1411	5110
142B	72	69	71	9/16	42	123	123	3/8 X16	5/16	0	1411	5210	1411
151B	72	69	71	9/16	42	123	123	5/16X16	5/16	0	5210	1411	5210



PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109B	72	69	70	5/8	42	122	122	5/16X15	5/16	0	5210	1411	5210
118B	72	69	70	5/8	36	122	122	5/16X15	5/16	0	1411	5210	1411
127B	72	69	70	5/8	42	122	122	5/16X14	5/16	0	5110	1411	5210
133B	72	69	70	5/8	36	122	122	5/16X15	5/16	0	5210	1411	5110
142B	72	69	70	5/8	42	123	123	3/8 X16	5/16	0	1411	5210	1411
151B	72	69	70	5/8	42	123	123	3/8 X16	5/16	0	5210	1411	5210

4-81-316

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

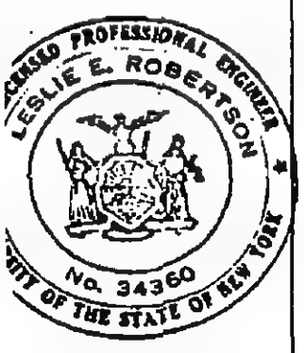
PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
209B	72	69	300	123	80	80	441	441	123	80	80	441	441	123	80	80	441	441
218B	72	69	300	129	60	60	431	431	129	60	60	431	431	129	55	55	431	431
227B	72	69	300	127	55	55	421	431	127	55	55	421	421	127	55	55	421	421
233B	72	69	300	127	60	60	421	421	127	60	60	421	421	127	60	60	421	431
242B	72	69	300	129	60	60	431	431	129	60	60	431	431	129	60	60	431	431
251B	72	69	300	123	85	85	441	441	123	85	85	441	441	123	85	85	441	441

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209B	72	69	72	9/16	55	122	122	5/16X16	1/4	0	5010	5210	1212
218B	72	69	72	9/16	42	122	122	5/16X10	5/16	0	1611	5210	1111
227B	72	69	72	9/16	36	121	121	1/4 X11	1/4	0	5110	1111	5210
233B	72	69	72	9/16	42	121	121	1/4 X11	1/4	0	5210	1111	5110
242B	72	69	72	9/16	42	122	122	5/16X10	5/16	0	1111	5210	1611
251B	72	69	72	9/16	55	122	122	1/4 X15	1/4	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANUREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209B	72	69	71	9/16	55	122	122	5/16X16	1/4	0	5010	5210	1212
218B	72	69	71	9/16	42	122	122	5/16X10	5/16	0	1611	5210	1111
227B	72	69	71	9/16	42	121	121	1/4 X11	1/4	0	5110	1111	5210
233B	72	69	71	9/16	42	121	121	1/4 X11	1/4	0	5210	1111	5110
242B	72	69	71	9/16	42	122	122	5/16X10	5/16	0	1111	5210	1611
251B	72	69	71	9/16	60	122	122	5/16X16	1/4	0	1212	5210	5010



PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209B	72	69	70	5/8	55	122	122	5/16X16	1/4	0	5010	5210	1212
218B	72	69	70	5/8	36	122	122	5/16X11	5/16	0	1611	5210	1111
227B	72	69	70	5/8	42	121	121	1/4 X11	1/4	0	5110	1111	5210
233B	72	69	70	5/8	42	121	121	1/4 X11	1/4	0	5210	1111	5110
242B	72	69	70	5/8	42	122	122	5/16X11	5/16	0	1111	5210	1611
251B	72	69	70	5/8	60	122	122	5/16X16	1/4	0	1212	5210	5010

4-B1-317

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

DIVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
3098 72 69	300	132	55	55	441	441	133	55	55	441	442	134	55	55	441	442
3188 72 69	300	134	55	55	441	442	134	55	55	441	442	134	55	55	441	442
3278 72 69	300	134	50	50	441	442	134	50	50	441	442	134	50	50	442	442
3338 72 69	300	135	50	50	442	442	135	50	50	442	442	135	50	50	442	442
3428 72 69	300	135	55	55	442	492	134	55	55	442	492	134	55	55	441	492
3518 72 69	300	134	55	55	441	492	133	60	60	441	492	132	60	60	441	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
3098 72 69	72	9/16	42	122	122	5/16X14	5/16	0	5210	1411	5210
3188 72 69	72	9/16	36	122	122	5/16X14	5/16	0	1411	5210	1411
3278 72 69	72	9/16	36	122	122	5/16X12	5/16	0	5110	1411	5210
3338 72 69	72	9/16	36	122	122	5/16X14	5/16	0	5210	1411	5110
3428 72 69	72	9/16	42	122	122	5/16X16	5/16	0	1411	5210	1411
3518 72 69	72	9/16	42	122	122	5/16X15	5/16	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
3098 72 69	71	9/16	42	122	122	5/16X14	5/16	0	5210	1411	5210
3188 72 69	71	9/16	36	122	122	5/16X15	5/16	0	1411	5210	1411
3278 72 69	71	9/16	36	122	122	5/16X13	5/16	0	5110	1411	5210
3338 72 69	71	9/16	36	122	122	5/16X14	5/16	0	5210	1411	5110
3428 72 69	71	9/16	42	122	123	5/16X16	5/16	0	1411	5210	1411
3518 72 69	71	9/16	42	123	122	5/16X15	5/16	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
3098 72 69	70	5/8	42	122	122	5/16X15	5/16	0	5210	1411	5210
3188 72 69	70	5/8	36	122	122	5/16X15	5/16	0	1411	5210	1411
3278 72 69	70	5/8	36	122	122	5/16X13	5/16	0	5110	1411	5210
3338 72 69	70	5/8	36	122	122	5/16X15	5/16	0	5210	1411	5110
3428 72 69	70	5/8	42	123	123	3/8 X16	5/16	0	1411	5210	1411
3518 72 69	70	5/8	42	123	123	5/16X16	5/16	0	5210	1411	5210

4-81-318

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
4098 72 69	300	123	85	85	441	441	123	85	85	441	441	123	85	85	441	441
4188 72 69	300	129	65	65	431	431	129	60	60	431	431	129	60	60	431	431
4278 72 69	300	127	60	60	421	431	127	60	60	421	421	127	60	60	421	421
4338 72 69	300	127	55	55	421	431	127	55	55	421	431	127	55	55	431	431
4428 72 69	300	129	55	55	431	431	129	55	55	431	431	129	55	55	431	441
4518 72 69	300	123	80	80	441	441	123	80	80	441	441	123	80	80	441	441

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
4098 72 69	72	9/16	60	122	122	5/16X16	1/4	0	5010	5210	1212
4188 72 69	72	9/16	42	122	122	5/16X10	5/16	0	1611	5210	1111
4278 72 69	72	9/16	42	121	121	1/4 X11	1/4	0	5110	1111	5210
4338 72 69	72	9/16	36	121	121	1/4 X11	1/4	0	5210	1111	5110
4428 72 69	72	9/16	42	122	122	5/16X11	5/16	0	1111	5210	1611
4518 72 69	72	9/16	55	122	122	5/16X16	1/4	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
4098 72 69	71	9/16	60	122	122	5/16X16	1/4	0	5010	5210	1212
4188 72 69	71	9/16	42	122	122	5/16X10	5/16	0	1611	5210	1111
4278 72 69	71	9/16	42	121	121	1/4 X11	1/4	0	5110	1111	5210
4338 72 69	71	9/16	36	121	121	1/4 X12	1/4	0	5210	1111	5110
4428 72 69	71	9/16	42	122	122	5/16X11	5/16	0	1111	5210	1611
4518 72 69	71	9/16	55	122	122	5/16X16	1/4	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
4098 72 69	70	5/8	60	122	122	5/16X16	1/4	0	5010	5210	1212
4188 72 69	70	5/8	42	122	122	5/16X10	5/16	0	1611	5210	1111
4278 72 69	70	5/8	42	121	121	1/4 X11	1/4	0	5110	1111	5210
4338 72 69	70	5/8	42	121	121	1/4 X12	1/4	0	5210	1111	5110
4428 72 69	70	5/8	36	122	122	5/16X11	5/16	0	1111	5210	1611
4518 72 69	70	5/8	55	122	122	5/16X16	1/4	0	1212	5210	5010

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

4-81-319

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
100B	72	70	210	126	90	90	491	491	528	90	90	0	0	128	80	80	491	491
300B	72	70	210	126	90	90	491	491	528	90	90	0	0	128	80	80	491	491

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100B	72	70	72	9/16	60	131	131	9/16X16	5/16	0	5410	5010	1313
300B	72	70	72	9/16	65	131	131	1/2 X16	5/16	0	5410	5010	1313

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100B	72	70	71	9/16	60	131	131	9/16X16	5/16	0	5410	5010	1313
300B	72	70	71	9/16	60	131	131	9/16X16	5/16	0	5410	5010	1313

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
STATE OF THE STATE OF NEW YORK

4-81-320

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

PROVISIONS

	PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
4	1068	73	70	300	130	60	60	441	444	131	60	60	441	444	132	55	55	441	444
4	1158	73	70	300	133	55	55	442	445	133	55	55	442	445	133	55	55	442	445
4	1248	73	70	300	133	55	55	442	445	133	55	55	442	445	133	55	55	442	445
4	1368	73	70	300	135	55	55	442	445	135	55	55	442	445	135	55	55	442	445
	1458	73	70	300	133	60	60	442	492	133	60	60	442	492	133	60	60	442	492
4	1548	73	70	300	132	60	60	441	444	131	60	60	441	444	130	60	60	441	444

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1068	73	70	73	9/16	42	122	122	5/16X14	5/16	0	1311	5110	1411
1158	73	70	73	9/16	42	122	122	5/16X14	5/16	0	5110	1411	5110
1248	73	70	73	9/16	42	122	122	5/16X13	5/16	0	1411	5110	1411
1368	73	70	73	9/16	42	122	122	5/16X15	5/16	0	1411	5110	1411
1458	73	70	73	9/16	42	122	122	5/16X15	5/16	0	5110	1411	5110
1548	73	70	73	9/16	42	122	122	5/16X14	5/16	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1068	73	70	72	9/16	42	122	122	5/16X14	5/16	0	1311	5110	1411
1158	73	70	72	9/16	36	122	122	5/16X15	5/16	0	5110	1411	5110
1248	73	70	72	9/16	36	122	122	5/16X13	5/16	0	1411	5110	1411
1368	73	70	72	9/16	42	122	122	5/16X15	5/16	0	1411	5110	1411
1458	73	70	72	9/16	42	123	123	5/16X16	5/16	0	5110	1411	5110
1548	73	70	72	9/16	42	122	122	5/16X15	5/16	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1068	73	70	71	9/16	42	122	122	5/16X15	5/16	0	1311	5110	1411
1158	73	70	71	9/16	42	122	122	5/16X15	5/16	0	5110	1411	5110
1248	73	70	71	9/16	42	122	122	5/16X14	5/16	0	1411	5110	1411
1368	73	70	71	9/16	42	122	123	5/16X16	5/16	0	1411	5110	1411
1458	73	70	71	9/16	42	123	123	3/8 X16	5/16	0	5110	1411	5110
1548	73	70	71	9/16	42	123	122	5/16X15	5/16	0	1411	5110	1311

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-81-321

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

	PANEL NUMBER		PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
4'	2068	73 70	300	123	90	90	441	[444]	123	85	85	441	441	123	85	85	441	441
4'	2158	73 70	300	126	65	65	431	441	127	65	65	431	[434]	128	60	60	431	[434]
	2248	73 70	300	127	60	60	431	431	127	55	55	421	431	127	55	55	421	431
	2368	73 70	300	127	60	60	421	431	127	60	60	421	431	127	60	60	431	431
4'	2458	73 70	300	126	65	65	431	[434]	127	65	65	431	[434]	126	70	70	431	441
	2548	73 70	300	123	90	90	441	441	123	90	90	441	441	123	90	90	441	441

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT-DETAIL COL 1	SEAT-DETAIL COL 2	SEAT-DETAIL COL 3
2068	73	70	73	9/16	60	122	122	5/16X16	1/4	0	5110	1212	5110
2158	73	70	73	9/16	45	122	122	1/4 X15	1/4	0	1212	5510	5110
2248	73	70	73	9/16	42	121	121	1/4 X12	1/4	0	1111	5110	1111
2368	73	70	73	9/16	42	121	121	1/4 X12	1/4	0	1111	5110	1111
2458	73	70	73	9/16	50	122	122	1/4 X15	1/4	0	5110	5310	1212
2548	73	70	73	9/16	65	122	122	1/4 X16	1/4	0	5110	1212	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT-DETAIL COL 1	SEAT-DETAIL COL 2	SEAT-DETAIL COL 3
2068	73	70	72	9/16	60	122	122	5/16X16	1/4	0	5110	1212	5110
2158	73	70	72	9/16	45	122	122	1/4 X16	1/4	0	1212	5510	5110
2248	73	70	72	9/16	42	121	121	1/4 X12	1/4	0	1111	5110	1111
2368	73	70	72	9/16	42	121	121	1/4 X12	1/4	0	1111	5110	1111
2458	73	70	72	9/16	50	122	122	1/4 X15	1/4	0	5110	5310	1212
2548	73	70	72	9/16	65	122	122	5/16X16	1/4	0	5110	1212	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT-DETAIL COL 1	SEAT-DETAIL COL 2	SEAT-DETAIL COL 3
2068	73	70	71	9/16	55	122	122	5/16X16	1/4	0	5110	1212	5110
2158	73	70	71	9/16	45	122	122	5/16X16	1/4	0	1212	5510	5110
2248	73	70	71	9/16	42	122	121	1/4 X12	1/4	0	1111	5110	1111
2368	73	70	71	9/16	42	121	122	1/4 X12	1/4	0	1111	5110	1111
2458	73	70	71	9/16	46	122	122	1/4 X16	1/4	0	5110	5310	1212
2548	73	70	71	9/16	60	122	122	5/16X16	1/4	0	5110	1212	5110

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-81-322

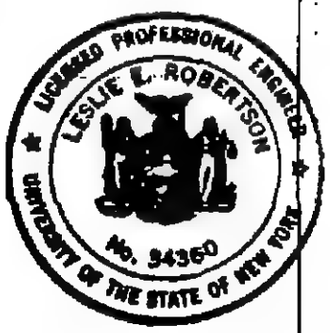
SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

	PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
4	3068	73	70	300	130	60	60	441	444	131	60	60	441	444	132	60	60	441	444
4	3158	73	70	300	133	55	55	442	445	133	55	55	442	445	133	55	55	442	445
	3248	73	70	300	133	50	50	442	442	133	50	50	442	442	133	50	50	442	442
4	3368	73	70	300	135	50	50	442	445	135	50	50	442	445	135	50	50	442	445
	3458	73	70	300	133	55	55	442	492	133	55	55	442	492	133	55	55	442	492
4	3548	73	70	300	132	60	60	441	444	131	60	60	441	444	130	65	65	441	444

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPD PLT FY4	SPD PLT SCL	SPD PLT SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
3068	73	70	73	9/16	42	122	122	5/16X13	5/16	0	1311	5110	1411
3158	73	70	73	9/16	36	122	122	5/16X14	5/16	0	5110	1411	5110
3248	73	70	73	9/16	36	122	122	5/16X13	5/16	0	1411	5110	1411
3368	73	70	73	9/16	36	122	122	5/16X14	5/16	0	1411	5110	1411
3458	73	70	73	9/16	42	122	122	5/16X15	5/16	0	5110	1411	5110
3548	73	70	73	9/16	42	122	122	5/16X14	5/16	0	1411	5110	1311



PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPD PLT FY4	SPD PLT SCL	SPD PLT SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT-DETAIL COL 1	SEAT COL 2	SEAT COL 3
3068	73	70	72	9/16	42	122	122	5/16X13	5/16	0	1311	5110	1411
3158	73	70	72	9/16	36	122	122	5/16X14	5/16	0	5110	1411	5110
3248	73	70	72	9/16	36	122	122	5/16X13	5/16	0	1411	5110	1411
3368	73	70	72	9/16	36	122	122	5/16X15	5/16	0	1411	5110	1411
3458	73	70	72	9/16	42	122	122	5/16X15	5/16	0	5110	1411	5110
3548	73	70	72	9/16	42	122	122	5/16X15	5/16	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPD PLT FY4	SPD PLT SCL	SPD PLT SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT-DETAIL COL 1	SEAT COL 2	SEAT COL 3
3068	73	70	71	9/16	42	122	122	5/16X14	5/16	0	1311	5110	1411
3158	73	70	71	9/16	36	122	122	5/16X15	5/16	0	5110	1411	5110
3248	73	70	71	9/16	36	122	122	5/16X13	5/16	0	1411	5110	1411
3368	73	70	71	9/16	42	122	122	5/16X15	5/16	0	1411	5110	1411
3458	73	70	71	9/16	42	123	123	5/16X16	5/16	0	5110	1411	5110
3548	73	70	71	9/16	45	122	122	5/16X15	5/16	0	1411	5110	1311

4-81-323

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
4068	73	70	300	123	100	100	441	441	123	90	90	441	441	123	90	90	441	441
4158	73	70	300	126	75	75	431	441	127	65	65	431	434	128	65	65	431	434
4248	73	70	300	127	60	60	431	431	127	60	60	421	431	127	60	60	421	431
4368	73	70	300	127	55	55	431	431	127	55	55	431	431	127	55	55	431	431
4458	73	70	300	128	60	60	431	441	127	60	60	431	441	126	65	65	431	441
4548	73	70	300	123	85	85	441	441	123	85	85	441	441	123	90	90	441	444

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
4068	73	70	73	9/16	65	122	122	5/16X16	1/4	0	5110	1212	5110
4158	73	70	73	9/16	50	122	122	1/4 X15	1/4	0	1212	5510	5110
4248	73	70	73	9/16	42	121	121	1/4 X11	1/4	0	1111	5110	1111
4368	73	70	73	9/16	42	121	121	1/4 X12	1/4	0	1111	5110	1111
4458	73	70	73	9/16	45	122	122	1/4 X16	1/4	0	5110	5310	1212
4548	73	70	73	9/16	60	122	122	5/16X16	1/4	0	5110	1212	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
4068	73	70	72	9/16	65	122	122	5/16X16	1/4	0	5110	1212	5110
4158	73	70	72	9/16	50	122	122	1/4 X15	1/4	0	1212	5510	5110
4248	73	70	72	9/16	42	121	121	1/4 X12	1/4	0	1111	5110	1111
4368	73	70	72	9/16	36	121	122	1/4 X13	1/4	0	1111	5110	1111
4458	73	70	72	9/16	45	122	122	5/16X16	1/4	0	5110	5310	1212
4548	73	70	72	9/16	60	122	122	5/16X16	1/4	0	5110	1212	5110

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
4068	73	70	71	9/16	60	122	122	5/16X16	1/4	0	5110	1212	5110
4158	73	70	71	9/16	46	122	122	1/4 X16	1/4	0	1212	5510	5110
4248	73	70	71	9/16	42	121	121	1/4 X12	1/4	0	1111	5110	1111
4368	73	70	71	9/16	36	121	122	1/4 X13	1/4	0	1111	5110	1111
4458	73	70	71	9/16	42	122	122	5/16X16	1/4	0	5110	5310	1212
4548	73	70	71	9/16	55	122	122	5/16X16	1/4	0	5110	1212	5110

4-81-324

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
2008 73 71	210	128	85	85	491	491	528	90	90	0	0	125	90	90	491	491
4008 73 71	210	128	85	85	491	491	528	100	100	0	0	125	100	100	491	491

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2008 73 71	73	9/16	60	131	131	1/2 X16	5/16	0	1313	5010	5610
4008 73 71	73	9/16	65	131	131	1/2 X16	5/16	0	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2008 73 71	72	9/16	60	131	131	9/16X16	5/16	0	1313	5010	5610
4008 73 71	72	9/16	65	131	131	1/2 X16	5/16	0	1313	5010	5610

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-B1-325

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

	PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
4	1038 74 71	300	125	80	80	101	491	127	65	65	101	444	129	60	60	101	444
4	1128 74 71	300	133	55	55	102	445	133	55	55	102	445	133	55	55	102	445
4	1218 74 71	300	133	55	55	102	445	133	55	55	102	445	133	55	55	102	445
4	1308 74 71	300	134	55	55	102	442	134	55	55	102	442	134	55	55	102	445
4	1398 74 71	300	134	55	55	102	445	134	55	55	102	445	134	55	55	102	445
	1488 74 71	300	133	60	60	102	492	133	60	60	102	492	133	55	55	102	492
4	1578 74 71	300	129	65	65	101	444	127	70	70	101	444	125	85	85	101	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1038 74 71	74	9/16	60	131	122	7/16X16	1/4	0	5110	1311	5210
1128 74 71	74	9/16	36	122	122	5/16X16	5/16	0	1511	5210	1411
1218 74 71	74	9/16	36	122	122	5/16X15	5/16	0	5210	1411	5210
1308 74 71	74	9/16	42	122	122	5/16X15	5/16	0	1411	5210	1411
1398 74 71	74	9/16	42	122	123	3/8 X16	5/16	0	5210	1411	5210
1488 74 71	74	9/16	42	123	123	3/8 X16	5/16	0	1411	5210	1511
1578 74 71	74	9/16	65	122	131	1/2 X16	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1038 74 71	73	9/16	65	131	122	7/16X16	1/4	0	5110	1311	5210
1128 74 71	73	9/16	42	122	122	5/16X14	5/16	0	1511	5210	1411
1218 74 71	73	9/16	42	122	122	5/16X14	5/16	0	5210	1411	5210
1308 74 71	73	9/16	42	122	122	5/16X13	5/16	0	1411	5210	1411
1398 74 71	73	9/16	42	122	122	5/16X15	5/16	0	5210	1411	5210
1488 74 71	73	9/16	42	122	122	5/16X15	5/16	0	1411	5210	1511
1578 74 71	73	9/16	65	122	131	7/16X16	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1038 74 71	72	9/16	65	131	122	7/16X16	1/4	0	5110	1311	5210
1128 74 71	72	9/16	36	122	122	5/16X15	5/16	0	1511	5210	1411
1218 74 71	72	9/16	36	122	122	5/16X14	5/16	0	5210	1411	5210
1308 74 71	72	9/16	42	122	122	5/16X14	5/16	0	1411	5210	1411
1398 74 71	72	9/16	42	122	123	5/16X16	5/16	0	5210	1411	5210
1488 74 71	72	9/16	42	123	123	5/16X16	5/16	0	1411	5210	1511
1578 74 71	72	9/16	65	122	131	7/16X16	1/4	0	5210	1311	5110

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-81-326

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

	PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
4	203B 74 71	300	122	100	100	101	491	122	90	90	101	444	122	90	90	101	444
	212B 74 71	300	123	75	75	101	441	124	75	75	101	441	124	70	70	101	441
	221B 74 71	300	128	55	55	101	431	128	55	55	101	431	127	55	55	101	431
4	230B 74 71	300	127	55	55	101	424	127	55	55	101	424	127	60	60	101	424
	239B 74 71	300	127	60	60	101	431	128	60	60	101	431	128	60	60	101	431
4	248B 74 71	300	124	75	75	101	434	124	80	80	101	434	123	80	80	101	441
4	257B 74 71	300	122	90	90	101	441	122	90	90	101	441	122	100	100	101	444

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203B 74 71	74	9/16	75	131	122	1/2 X16	1/4	0	1013	5210	5010
212B 74 71	74	9/16	50	122	122	5/16X16	1/4	0	5210	5010	5210
221B 74 71	74	9/16	36	122	121	1/4 X15	1/4	0	5210	1111	5210
230B 74 71	74	9/16	36	121	121	1/4 X10	1/4	0	1111	5210	1111
239B 74 71	74	9/16	42	121	122	1/4 X14	1/4	0	5210	1111	5210
248B 74 71	74	9/16	55	122	122	5/16X16	1/4	0	5210	5010	5210
257B 74 71	74	9/16	75	122	131	7/16X16	1/4	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203B 74 71	73	9/16	75	131	122	7/16X16	1/4	0	1013	5210	5010
212B 74 71	73	9/16	55	122	122	1/4 X15	1/4	0	5210	5010	5210
221B 74 71	73	9/16	42	122	121	1/4 X13	1/4	0	5210	1111	5210
230B 74 71	73	9/16	42	121	121	1/4 X 9	1/4	0	1111	5210	1111
239B 74 71	73	9/16	42	121	122	1/4 X13	1/4	0	5210	1111	5210
248B 74 71	73	9/16	55	122	122	1/4 X14	1/4	0	5210	5010	5210
257B 74 71	73	9/16	80	122	131	3/8 X16	1/4	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203B 74 71	72	9/16	80	131	122	7/16X16	1/4	0	1013	5210	5010
212B 74 71	72	9/16	55	122	122	1/4 X16	1/4	0	5210	5010	5210
221B 74 71	72	9/16	42	122	121	1/4 X13	1/4	0	5210	1111	5210
230B 74 71	72	9/16	42	121	121	1/4 X10	1/4	0	1111	5210	1111
239B 74 71	72	9/16	42	121	122	1/4 X13	1/4	0	5210	1111	5210
248B 74 71	72	9/16	55	122	122	1/4 X15	1/4	0	5210	5010	5210
257B 74 71	72	9/16	80	122	131	3/8 X16	1/4	0	5010	5210	1013

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

4-81-327

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
4 3038	74	71	300	125	85	85	101	444	127	70	70	101	444	129	60	60	101	444
4 3128	74	71	300	133	55	55	102	445	133	55	55	102	445	133	55	55	102	445
4 3218	74	71	300	133	55	55	102	445	133	50	50	102	442	133	50	50	102	442
3308	74	71	300	134	46	46	102	442	134	50	50	102	442	134	50	50	102	442
4 3398	74	71	300	134	55	55	102	445	134	55	55	102	445	134	55	55	102	445
4 3488	74	71	300	133	55	55	102	445	133	55	55	102	445	133	60	60	102	445
4 3578	74	71	300	129	65	65	101	445	127	75	75	101	444	125	85	85	101	491

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
3038	74	71	74	9/16	60	131	122	7/16X16	1/4	0	5110	1311	5210
3128	74	71	74	9/16	36	122	122	5/16X15	5/16	0	1511	5210	1411
3218	74	71	74	9/16	36	122	122	5/16X14	5/16	0	5210	1411	5210
3308	74	71	74	9/16	36	122	122	5/16X14	5/16	0	1411	5210	1411
3398	74	71	74	9/16	42	122	122	3/8 X16	5/16	0	5210	1411	5210
3488	74	71	74	9/16	42	122	122	3/8 X16	5/16	0	1411	5210	1511
3578	74	71	74	9/16	65	122	131	7/16X16	1/4	0	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
3038	74	71	73	9/16	65	131	122	3/8 X16	1/4	0	5110	1311	5210
3128	74	71	73	9/16	42	122	122	5/16X14	5/16	0	1511	5210	1411
3218	74	71	73	9/16	36	122	122	5/16X13	5/16	0	5210	1411	5210
3308	74	71	73	9/16	36	122	122	5/16X13	5/16	0	1411	5210	1411
3398	74	71	73	9/16	36	122	122	5/16X15	5/16	0	5210	1411	5210
3488	74	71	73	9/16	42	122	122	5/16X15	5/16	0	1411	5210	1511
3578	74	71	73	9/16	70	122	131	7/16X16	1/4	0	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
3038	74	71	72	9/16	65	131	122	3/8 X16	1/4	0	5110	1311	5210
3128	74	71	72	9/16	36	122	122	5/16X14	5/16	0	1511	5210	1411
3218	74	71	72	9/16	36	122	122	5/16X13	5/16	0	5210	1411	5210
3308	74	71	72	9/16	36	122	122	5/16X13	5/16	0	1411	5210	1411
3398	74	71	72	9/16	36	122	122	5/16X15	5/16	0	5210	1411	5210
3488	74	71	72	9/16	42	122	122	5/16X15	5/16	0	1411	5210	1511
3578	74	71	72	9/16	70	122	131	7/16X16	1/4	0	5210	1311	5110

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — THE STATE OF NEW YORK

4-81-328

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

	PANEL NUMBER		PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
4	4038	74 71	300	122	100	100	101	444	122	100	100	101	441	122	100	100	101	441
4	4128	74 71	300	123	85	85	101	441	124	80	80	101	434	124	75	75	101	434
	4218	74 71	300	128	60	60	101	431	128	60	60	101	431	127	60	60	101	431
4	4308	74 71	300	127	60	60	101	421	127	55	55	101	421	127	55	55	101	424
4	4398	74 71	300	127	55	55	101	431	128	55	55	101	431	128	50	50	101	434
	4488	74 71	300	124	70	70	101	441	124	75	75	101	441	123	75	75	101	441
4	4578	74 71	300	122	90	90	101	441	122	90	90	101	441	122	100	100	101	444

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
4038	74	71	74	9/16	75	131	122	7/16X16	1/4	0	1013	5210	5010
4128	74	71	74	9/16	55	122	122	5/16X16	1/4	0	5210	5010	5210
4218	74	71	74	9/16	42	122	121	1/4 X14	1/4	0	5210	1111	5210
4308	74	71	74	9/16	36	121	121	1/4 X11	1/4	0	1111	5210	1111
4398	74	71	74	9/16	36	122	122	1/4 X15	1/4	0	5210	1111	5210
4488	74	71	74	9/16	50	122	122	5/16X16	1/4	0	5210	5010	5210
4578	74	71	74	9/16	70	122	131	7/16X16	1/4	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
4038	74	71	73	9/16	80	131	122	7/16X16	1/4	0	1013	5210	5010
4128	74	71	73	9/16	55	122	122	1/4 X15	1/4	0	5210	5010	5210
4218	74	71	73	9/16	42	122	121	1/4 X12	1/4	0	5210	1111	5210
4308	74	71	73	9/16	42	121	121	1/4 X10	1/4	0	1111	5210	1111
4398	74	71	73	9/16	36	121	122	1/4 X13	1/4	0	5210	1111	5210
4488	74	71	73	9/16	50	122	122	1/4 X15	1/4	0	5210	5010	5210
4578	74	71	73	9/16	75	122	131	7/16X16	1/4	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
4038	74	71	72	9/16	75	131	122	7/16X16	1/4	0	1013	5210	5010
4128	74	71	72	9/16	60	122	122	1/4 X15	1/4	0	5210	5010	5210
4218	74	71	72	9/16	42	122	121	1/4 X13	1/4	0	5210	1111	5210
4308	74	71	72	9/16	42	121	121	1/4 X10	1/4	0	1111	5210	1111
4398	74	71	72	9/16	36	122	122	1/4 X14	1/4	0	5210	1111	5210
4488	74	71	72	9/16	55	122	122	1/4 X16	1/4	0	5210	5010	5210
4578	74	71	72	9/16	75	122	131	7/16X16	1/4	0	5010	5210	1013

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-81-329

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
1008 74 72	210	125	85	85	101	491	527	85	85	0	0	127	80	80	101	491
3008 74 72	210	125	90	90	101	491	527	90	90	0	0	127	85	85	101	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
1008 74 72	74	9/16	60	131	131	9/16X16	5/16	0	5410	5010	1313
3008 74 72	74	9/16	60	131	131	9/16X16	5/16	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
1008 74 72	73	9/16	60	131	131	1/2 X16	5/16	0	5410	5010	1313
3008 74 72	73	9/16	65	131	131	1/2 X16	1/4	0	5410	5010	1313

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-81-330

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

	PANEL NUMBER		PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
4	1098	74 72	200	132	55	55	101	444	132	55	55	101	444	132	55	55	101	444
4	1188	74 72	200	132	55	55	101	444	132	55	55	101	444	132	55	55	101	444
	1278	74 72	200	132	55	55	101	441	132	55	55	101	441	133	55	55	102	442
4	1368	74 72	200	134	55	55	102	442	134	55	55	102	442	134	55	55	102	445
4	1428	74 72	200	133	55	55	102	445	133	55	55	102	445	132	60	60	101	444
4	1518	74 72	200	132	55	55	101	444	132	55	55	101	444	132	55	55	101	444

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	SP PL FY4	SP PL SCL	SP PL SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
1098	74 72	74	9/16	36	122	122	5/16X16	5/16	0	5210	1411	5210
1188	74 72	74	9/16	36	122	122	5/16X15	5/16	0	1411	5210	1411
1278	74 72	74	9/16	42	122	122	5/16X14	5/16	0	5210	1411	5210
1368	74 72	74	9/16	42	122	122	5/16X16	5/16	0	5210	1411	5110
1428	74 72	74	9/16	42	123	123	3/8 X16	5/16	0	1411	5210	1411
1518	74 72	74	9/16	42	123	122	3/8 X16	5/16	0	5210	1411	5210

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	SP PL FY4	SP PL SCL	SP PL SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
1098	74 72	73	9/16	42	122	122	5/16X14	5/16	0	5210	1411	5210
1188	74 72	73	9/16	42	122	122	5/16X14	5/16	0	1411	5210	1411
1278	74 72	73	9/16	42	122	122	5/16X12	5/16	0	5210	1411	5210
1368	74 72	73	9/16	42	122	122	5/16X14	5/16	0	5210	1411	5110
1428	74 72	73	9/16	42	122	122	5/16X15	5/16	0	1411	5210	1411
1518	74 72	73	9/16	42	122	122	5/16X15	5/16	0	5210	1411	5210

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — NO. 24990 — UNIVERSITY OF THE STATE OF NEW YORK

4-81-331

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

	PANEL NUMBER		PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
	2098	74 72	200	122	85	85	101	441	123	80	80	101	441	123	75	75	101	441
4	2188	74 72	200	128	55	55	101	434	128	55	55	101	431	128	55	55	101	431
4	2278	74 72	200	126	55	55	101	424	126	55	55	101	424	126	55	55	101	424
4	2338	74 72	200	126	60	60	101	424	126	60	60	101	424	126	60	60	101	424
4	2428	74 72	200	128	60	60	101	431	128	60	60	101	431	128	60	60	101	434
	2518	74 72	200	123	80	80	101	441	123	85	85	101	441	122	90	90	101	441

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	SPAN PL FY4	SPAN PL SCL	SPAN PL SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
2098	74 72	74	9/16	55	122	122	3/8 X16	1/4	0	5010	5210	1212
2188	74 72	74	9/16	36	122	122	5/16X16	1/4	0	1611	5210	1111
2278	74 72	74	9/16	36	121	121	1/4 X11	1/4	0	5110	1111	5210
2338	74 72	74	9/16	36	121	121	1/4 X11	1/4	0	5210	1111	5110
2428	74 72	74	9/16	42	122	122	5/16X16	1/4	0	1111	5210	1611
2518	74 72	74	9/16	60	122	122	3/8 X16	1/4	0	1212	5210	5010

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	SPAN PL FY4	SPAN PL SCL	SPAN PL SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
2098	74 72	73	9/16	60	122	122	5/16X16	1/4	0	5010	5210	1212
2188	74 72	73	9/16	42	122	122	1/4 X15	1/4	0	1611	5210	1111
2278	74 72	73	9/16	42	121	121	1/4 X10	1/4	0	5110	1111	5210
2338	74 72	73	9/16	42	121	121	1/4 X10	1/4	0	5210	1111	5110
2428	74 72	73	9/16	42	122	122	1/4 X14	1/4	0	1111	5210	1611
2518	74 72	73	9/16	60	122	122	5/16X16	1/4	0	1212	5210	5010

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34960 — THE STATE OF NEW YORK

4-81-332

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON · Structural & Civil Engineers

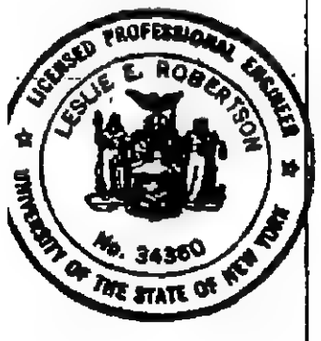
PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 5-14-69

REVISIONS

	PANEL NUMBER		PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
4	3098	74 72	200	132	55	55	101	444	132	55	55	101	444	132	55	55	101	444
	3188	74 72	200	132	55	55	101	441	132	55	55	101	441	132	55	55	101	441
	3278	74 72	200	132	50	50	101	441	132	50	50	101	441	133	46	46	102	442
4	3338	74 72	200	134	50	50	102	442	134	50	50	102	442	134	50	50	102	445
4	3428	74 72	200	133	55	55	102	445	133	55	55	102	445	132	55	55	101	444
4	3518	74 72	200	132	60	60	101	444	132	55	55	101	444	132	55	55	101	444

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
3098	74 72	74	9/16	36	122	122	5/16X15	5/16	0	5210	1411	5210
3188	74 72	74	9/16	36	122	122	5/16X15	5/16	0	1411	5210	1411
3278	74 72	74	9/16	36	122	122	5/16X13	5/16	0	5210	1411	5210
3338	74 72	74	9/16	36	122	122	5/16X15	5/16	0	5210	1411	5110
3428	74 72	74	9/16	42	122	122	3/8 X16	5/16	0	1411	5210	1411
3518	74 72	74	9/16	42	122	122	3/8 X16	5/16	0	5210	1411	5210

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
3098	74 72	73	9/16	42	122	122	5/16X14	5/16	0	5210	1411	5210
3188	74 72	73	9/16	36	122	122	5/16X13	5/16	0	1411	5210	1411
3278	74 72	73	9/16	36	122	122	5/16X12	5/16	0	5110	1411	5210
3338	74 72	73	9/16	36	122	122	5/16X14	5/16	0	5210	1411	5110
3428	74 72	73	9/16	42	122	122	5/16X15	5/16	0	1411	5210	1411
3518	74 72	73	9/16	42	122	122	5/16X14	5/16	0	5210	1411	5210



4-81-333

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

	PANEL NUMBER		PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
	4098	74 72	200	122	90	90	101	441	123	85	85	101	441	123	80	80	101	441
4	4188	74 72	200	128	60	60	101	434	128	60	60	101	431	128	60	60	101	431
4	4278	74 72	200	126	60	60	101	424	126	60	60	101	424	126	60	60	101	424
4	4338	74 72	200	126	55	55	101	424	126	55	55	101	424	126	55	55	101	431
4	4428	74 72	200	128	50	50	101	434	128	55	55	101	434	128	55	55	101	434
	4518	74 72	200	123	75	75	101	441	123	80	80	101	441	122	85	85	101	441

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	RY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
4098	74 72	74	9/16	60	122	122	3/8 X16	1/4	0	5010	5210	1212
4188	74 72	74	9/16	42	122	122	1/4 X16	1/4	0	1611	5210	1111
4278	74 72	74	9/16	36	121	121	1/4 X11	1/4	0	5110	1111	5210
4338	74 72	74	9/16	36	121	121	1/4 X12	1/4	0	5210	1111	5110
4428	74 72	74	9/16	36	122	122	5/16X16	1/4	0	1111	5210	1611
4518	74 72	74	9/16	55	122	122	3/8 X16	1/4	0	1212	5210	5010

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	RY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
4098	74 72	73	9/16	65	122	122	5/16X16	1/4	0	5810	5210	1212
4188	74 72	73	9/16	42	122	122	1/4 X14	1/4	0	1611	5210	1111
4278	74 72	73	9/16	42	121	121	1/4 X10	1/4	0	5110	1111	5210
4338	74 72	73	9/16	42	121	121	1/4 X11	1/4	0	5210	1111	5110
4428	74 72	73	9/16	36	122	122	1/4 X15	1/4	0	1111	5210	1611
4518	74 72	73	9/16	60	122	122	5/16X16	1/4	0	1212	5210	5010

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-81-334

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
106B 74 73	100	131	55	55	101	441	132	55	55	101	441	132	55	55	101	441
115B 74 73	100	134	55	55	102	442	134	55	55	102	442	134	55	55	102	442
124B 74 73	100	134	55	55	102	442	134	50	50	102	442	134	50	50	102	442
136B 74 73	100	135	55	55	102	442	135	55	55	102	442	135	55	55	102	442
145B 74 73	100	134	55	55	102	442	134	55	55	102	442	134	55	55	102	442
154B 74 73	100	132	55	55	101	441	132	55	55	101	441	131	60	60	101	441

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106B 74 73	74	9/16	42	122	122	5/16X16	5/16	0	1311	5110	1411
115B 74 73	74	9/16	36	122	122	5/16X16	5/16	0	5110	1411	5110
124B 74 73	74	9/16	36	122	122	5/16X15	5/16	0	1411	5110	1411
136B 74 73	74	9/16	42	122	122	3/8 X16	5/16	0	1411	5110	1411
145B 74 73	74	9/16	42	123	123	3/8 X16	5/16	0	5110	1411	5110
154B 74 73	74	9/16	42	122	122	3/8 X16	5/16	0	1411	5110	1311

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

4-81-335

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
206B	74	73	100	123	85	85	101	441	123	85	85	101	441	123	80	80	101	441
215B	74	73	100	126	65	65	101	431	127	60	60	101	431	128	60	60	101	431
224B	74	73	100	128	50	50	101	431	128	50	50	101	421	128	50	50	101	421
236B	74	73	100	128	55	55	101	421	128	55	55	101	421	128	55	55	101	431
245B	74	73	100	128	60	60	101	431	127	65	65	101	431	126	65	65	101	431
254B	74	73	100	123	85	85	101	441	123	85	85	101	441	123	85	85	101	441

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
206B	74	73	74	9/16	60	122	122	3/8 X16	1/4	0	5110	1212	5110
215B	74	73	74	9/16	42	122	122	5/16X16	1/4	0	1212	5510	5110
224B	74	73	74	9/16	36	121	121	1/4 X13	1/4	0	1111	5110	1111
236B	74	73	74	9/16	42	121	121	1/4 X13	1/4	0	1111	5110	1111
245B	74	73	74	9/16	45	122	122	5/16X16	1/4	0	5110	5310	1212
254B	74	73	74	9/16	60	122	122	5/16X16	1/4	0	5110	1212	5110

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

4-B1-336

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
3068 74 73	100	131	60	60	101	441	132	55	55	101	441	132	55	55	101	441
3158 74 73	100	134	50	50	102	442	134	50	50	102	442	134	50	50	102	442
3248 74 73	100	134	50	50	102	442	134	46	46	102	442	134	46	46	102	442
3368 74 73	100	135	46	46	102	442	135	50	50	102	442	135	50	50	102	442
3458 74 73	100	134	55	55	102	442	134	55	55	102	442	134	55	55	102	442
3548 74 73	100	132	55	55	101	441	132	55	55	101	441	131	60	60	101	441

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
3068 74 73	74	9/16	42	122	122	5/16X15	5/16	0	1311	5110	1411
3158 74 73	74	9/16	36	122	122	5/16X15	5/16	0	5110	1411	5110
3248 74 73	74	9/16	36	122	122	5/16X14	5/16	0	1411	5110	1411
3368 74 73	74	9/16	42	122	122	5/16X16	5/16	0	1411	5110	1411
3458 74 73	74	9/16	36	122	122	3/8 X16	5/16	0	5110	1411	5110
3548 74 73	74	9/16	42	122	122	5/16X16	5/16	0	1411	5110	1311

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
STATE OF THE STATE OF NEW YORK

4-81-337

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
4068 74 73	100	123	85	85	101	441	123	85	85	101	441	123	85	85	101	441
4158 74 73	100	126	70	70	101	431	127	65	65	101	431	128	60	60	101	431
4248 74 73	100	128	55	55	101	431	128	55	55	101	421	128	55	55	101	421
4368 74 73	100	128	46	46	101	431	128	50	50	101	431	128	50	50	101	431
4458 74 73	100	128	55	55	101	431	127	60	60	101	431	126	65	65	101	431
4548 74 73	100	123	80	60	101	441	123	80	80	101	441	123	80	80	101	441

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406B 74 73	74	9/16	60	122	122	5/16X16	1/4	0	5110	1212	5110
415B 74 73	74	9/16	46	122	122	5/16X16	1/4	0	1212	5510	5110
424B 74 73	74	9/16	42	121	121	1/4 X13	1/4	0	1111	5110	1111
436B 74 73	74	9/16	36	121	122	1/4 X14	1/4	0	1111	5110	1111
445B 74 73	74	9/16	42	122	122	5/16X16	1/4	0	5110	5310	1212
454B 74 73	74	9/16	55	122	122	5/16X16	1/4	0	5110	1212	5110

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-81-338

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
2008 74 73	120	129	75	75	101	491	529	85	85	121	0	126	85	85	101	491
4008 74 73	120	129	75	75	101	491	529	90	90	121	0	126	90	90	101	491

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2008 74 73	74	9/16	60	131	131	5/8 X16	5/16	0	1313	5010	5610
4008 74 73	74	9/16	65	131	131	9/16X16	5/16	0	1313	5010	5610

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
STATE OF THE STATE OF NEW YORK

4-81-339

SKILLING-HELLE-CHRISTIANSEN-ROBERTSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
103B	77	74	400	329	80	80	101	101	331	65	65	101	101	332	60	60	101	101
106B	77	74	400	335	60	60	101	101	335	60	60	101	101	336	55	55	101	101
109B	77	74	400	337	55	55	101	101	338	55	55	101	101	338	55	55	101	101
112B	77	74	400	338	55	55	101	102	338	55	55	101	102	338	55	55	101	102
115B	77	74	400	338	55	55	101	102	338	55	55	101	102	338	55	55	101	102
118B	77	74	400	338	55	55	101	101	338	55	55	101	101	338	55	55	101	101
121B	77	74	400	338	55	55	101	102	338	55	55	101	102	338	55	55	101	102
124B	77	74	400	338	55	55	101	102	338	55	55	101	102	338	55	55	101	102
127B	77	74	400	338	55	55	101	101	338	55	55	101	101	338	55	55	101	102
130B	77	74	400	339	55	55	101	102	340	55	55	101	102	340	55	55	101	102

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	103B	77	74	77	9/16	65	412	401	1/2 X16	5/16	0	7020	7020	6220
	106B	77	74	77	9/16	42	401	401	7/16X16	5/16	0	4524	6120	4324
	109B	77	74	77	9/16	36	401	401	7/16X16	5/16	0	6220	4324	6220
2	112B	77	74	77	9/16	42	401	401	7/16X16	5/16	0	4324	6220	4324
	115B	77	74	77	9/16	42	401	401	7/16X16	5/16	0	6120	4324	6120
2	118B	77	74	77	9/16	42	401	401	7/16X16	5/16	0	4324	6220	4324
2	121B	77	74	77	9/16	42	401	401	7/16X16	5/16	0	6220	4324	6220
	124B	77	74	77	9/16	42	401	401	3/8 X16	5/16	0	4324	6120	4324
2	127B	77	74	77	9/16	42	401	401	3/8 X16	5/16	0	6120	4324	6220
	130B	77	74	77	9/16	42	401	401	3/8 X16	5/16	0	4424	6220	4424

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103B	77	74	75	9/16	55	413	401	1/2 X16	5/16	0	7020	6020	6320
106B	77	74	75	9/16	42	401	402	1/2 X16	5/16	0	4524	6120	4324
109B	77	74	75	9/16	42	402	402	1/2 X16	5/16	0	6120	4324	6220
112B	77	74	75	9/16	42	402	402	1/2 X16	5/16	0	4324	6120	4324
115B	77	74	75	9/16	42	402	402	1/2 X16	5/16	0	6120	4324	6120
118B	77	74	75	9/16	42	402	401	1/2 X16	5/16	0	4324	6120	4324
121B	77	74	75	9/16	42	401	401	1/2 X16	5/16	0	6220	4324	6120
124B	77	74	75	9/16	42	401	401	7/16X16	5/16	0	4324	6120	4324
127B	77	74	75	9/16	45	401	401	7/16X16	5/16	0	6120	4324	6120
130B	77	74	75	9/16	50	401	401	7/16X16	5/16	0	4424	6220	4524

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 24060 NEW YORK UNIVERSITY OF

4-81-340

SKILLING-HELLE-CHRISTIANSEN-ROBERTSON — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
133B 77 74	400	340	55	55	101	102	340	55	55	101	102	340	55	55	101	102
136B 77 74	400	340	55	55	101	102	340	55	55	101	102	340	55	55	101	102
139B 77 74	400	340	55	55	101	102	340	55	55	101	102	340	55	55	101	102
142B 77 74	400	339	55	55	101	102	338	60	60	101	102	338	60	60	101	101
145B 77 74	400	338	60	60	101	102	338	60	60	101	102	338	60	60	101	102
148B 77 74	400	338	60	60	101	102	338	55	55	101	102	338	55	55	101	102
151B 77 74	400	338	55	55	101	101	338	55	55	101	101	337	55	55	101	101
154B 77 74	400	336	60	60	101	101	335	60	60	101	101	335	65	65	101	101
157B 77 74	400	332	60	60	101	101	331	70	70	101	101	329	85	85	101	101

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2	133B 77 74	77	9/16	42	401	401	7/16X16	5/16	0	(6220)	4324	6120
	136B 77 74	77	9/16	42	401	401	1/2 X16	5/16	0	4324	6120	4324
2	139B 77 74	77	9/16	42	401	401	1/2 X16	5/16	0	(6220)	4324	6220
2	142B 77 74	77	9/16	42	401	402	1/2 X16	5/16	0	4324	(6220)	4324
	145B 77 74	77	9/16	42	402	402	1/2 X16	5/16	0	6120	4324	6120
	148B 77 74	77	9/16	42	402	401	1/2 X16	5/16	0	4324	6220	4324
	151B 77 74	77	9/16	42	401	401	1/2 X16	5/16	0	6220	4324	6220
	154B 77 74	77	9/16	42	401	401	7/16X16	5/16	0	4324	6120	4524
2	157B 77 74	77	9/16	65	401	412	1/2 X16	5/16	0	(6220)	(7020)	(7020)

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	133B 77 74	75	9/16	50	401	401	1/2 X16	5/16	0	6120	4424	6120
	136B 77 74	75	9/16	50	401	402	1/2 X16	5/16	0	4424	6120	4524
2	139B 77 74	75	9/16	50	402	402	9/16X16	5/16	0	6120	(4524)	6220
	142B 77 74	75	9/16	50	402	402	9/16X16	5/16	0	4324	6120	4324
	145B 77 74	75	9/16	45	402	402	9/16X16	5/16	0	6120	4324	6120
	148B 77 74	75	9/16	45	402	402	9/16X16	5/16	0	4324	6220	4324
	151B 77 74	75	9/16	45	402	402	9/16X16	5/16	0	6220	4324	6220
	154B 77 74	75	9/16	45	402	402	1/2 X16	5/16	0	4324	6120	4524
2	157B 77 74	75	9/16	55	402	413	9/16X16	5/16	0	(6320)	6020	(7020)

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON

4-B1-341

SKILLING-HELLE-CHRISTIANSEN-ROBERTSON — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
203B	77	74	400	325	100	100	101	101	325	90	90	101	101	325	90	90	101	101
206B	77	74	400	325	90	90	101	101	326	90	90	101	101	326	85	85	101	101
209B	77	74	400	326	85	85	101	101	326	85	85	101	101	326	80	80	101	101
212B	77	74	400	326	75	75	101	101	327	75	75	101	101	328	70	70	101	101
215B	77	74	400	329	65	65	101	101	330	60	60	101	101	331	60	60	101	101
218B	77	74	400	332	60	60	101	101	332	60	60	101	101	332	60	60	101	101
221B	77	74	400	332	55	55	101	101	331	55	55	101	101	331	55	55	101	101
224B	77	74	400	330	55	55	101	101	330	55	55	101	101	330	55	55	101	101
227B	77	74	400	330	55	55	101	101	330	55	55	101	101	330	55	55	101	101
230B	77	74	400	330	55	55	101	101	330	55	55	101	101	330	55	55	101	101

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	203B	77	74	77	9/16	80	412	401	9/16X16	1/4	0	7494	6220	7010
2	206B	77	74	77	9/16	60	401	401	7/16X16	1/4	0	6320	7494	6320
2	209B	77	74	77	9/16	60	401	401	7/16X16	1/4	0	7010	6220	7494
	212B	77	74	77	9/16	55	401	401	7/16X16	1/4	0	6220	7010	6220
	215B	77	74	77	9/16	45	401	401	5/16X14	5/16	0	7494	6320	7010
	218B	77	74	77	9/16	42	401	401	5/16X14	5/16	0	4524	6220	7354
	221B	77	74	77	9/16	42	401	401	5/16X13	5/16	0	6220	7354	6220
	224B	77	74	77	9/16	42	401	401	5/16X11	5/16	0	4284	6120	4184
	227B	77	74	77	9/16	42	401	401	5/16X10	5/16	0	6120	4184	6220
	230B	77	74	77	9/16	42	401	401	5/16X 9	5/16	0	4184	6220	4184

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
2	203B	77	74	75	9/16	70	413	401	5/8 X16	1/4	0	4064	6120	4064
2	206B	77	74	75	9/16	55	401	401	1/2 X16	1/4	0	6120	7010	6120
2	209B	77	74	75	9/16	50	401	401	1/2 X16	1/4	0	4064	6120	7364
	212B	77	74	75	9/16	50	401	401	7/16X16	1/4	0	6220	7364	6120
	215B	77	74	75	9/16	42	401	401	5/16X15	5/16	0	7364	6120	7364
	218B	77	74	75	9/16	36	401	401	5/16X15	5/16	0	4524	6120	4174
	221B	77	74	75	9/16	36	401	401	5/16X14	5/16	0	6220	4174	6120
	224B	77	74	75	9/16	36	401	401	5/16X12	5/16	0	4174	6120	4174
	227B	77	74	75	9/16	36	401	401	5/16X11	5/16	0	6120	4174	6120
	230B	77	74	75	9/16	36	401	401	5/16X10	5/16	0	4174	6220	4174

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — NO. 54560 — STATE OF NEW YORK

4-B1-342

SKILLING-HELLE-CHRISTIANSEN-ROBERTSON — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
2338 77 74	400	330	60	60	101	101	330	60	60	101	101	330	60	60	101	101
2368 77 74	400	330	60	60	101	101	330	60	60	101	101	330	60	60	101	101
2398 77 74	400	331	60	60	101	101	331	60	60	101	101	332	60	60	101	101
2428 77 74	400	332	60	60	101	101	332	60	60	101	101	332	60	60	101	101
2458 77 74	400	331	60	60	101	101	330	65	65	101	101	329	70	70	101	101
2488 77 74	400	328	75	75	101	101	327	80	80	101	101	326	80	80	101	101
2518 77 74	400	326	80	80	101	101	326	90	90	101	101	326	90	90	101	101
2548 77 74	400	326	90	90	101	101	326	90	90	101	101	325	90	90	101	101
2578 77 74	400	325	90	90	101	101	325	90	90	101	101	325	100	100	101	101

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	2338 77 74	77	9/16	42	401	401	5/16X10	5/16	0	6220	4184	6120
	2368 77 74	77	9/16	42	401	401	5/16X11	5/16	0	4184	6120	4184
	2398 77 74	77	9/16	42	401	401	5/16X12	5/16	0	6220	4184	6220
	2428 77 74	77	9/16	42	401	401	5/16X13	5/16	0	4184	6220	4524
	2458 77 74	77	9/16	46	401	401	5/16X14	5/16	0	7010	6320	7494
	2488 77 74	77	9/16	55	401	401	3/8 X16	1/4	0	6220	7010	6220
2	2518 77 74	77	9/16	60	401	401	7/16X16	1/4	0	(7494)	6220	7010
2	2548 77 74	77	9/16	60	401	401	7/16X16	1/4	0	6320	(7494)	6320
	2578 77 74	77	9/16	75	401	412	1/2 X16	1/4	0	7010	6220	7494

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	2338 77 74	75	9/16	36	401	401	5/16X11	5/16	0	6120	4174	6120
	2368 77 74	75	9/16	36	401	401	5/16X12	5/16	0	4174	6120	4174
	2398 77 74	75	9/16	36	401	401	5/16X13	5/16	0	6120	4174	6220
	2428 77 74	75	9/16	42	401	401	5/16X14	5/16	0	4174	6120	4524
	2458 77 74	75	9/16	45	401	401	5/16X15	5/16	0	7364	6120	7364
	2488 77 74	75	9/16	55	401	401	7/16X16	1/4	0	6120	7364	6220
2	2518 77 74	75	9/16	55	401	401	7/16X16	1/4	0	7364	6120	(4064)
2	2548 77 74	75	9/16	55	401	401	7/16X16	1/4	0	6120	(7010)	6120
2	2578 77 74	75	9/16	70	401	412	9/16X16	1/4	0	(4064)	6120	(4064)

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — NEW YORK — UNIVERSITY — NO.

4-B1-343

SKILLING-HELLE-CHRISTIANSEN-ROBERTSON — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
3038 77 74	400	329	80	80	101	101	331	70	70	101	101	332	60	60	101	101
3068 77 74	400	335	60	60	101	101	335	60	60	101	101	336	55	55	101	101
3098 77 74	400	337	55	55	101	101	338	55	55	101	101	338	55	55	101	101
3128 77 74	400	338	55	55	101	102	338	55	55	101	102	338	55	55	101	102
3158 77 74	400	338	55	55	101	102	338	55	55	101	102	338	55	55	101	102
3188 77 74	400	338	55	55	101	101	338	55	55	101	101	338	55	55	101	101
3218 77 74	400	338	50	50	101	102	338	50	50	101	102	338	50	50	101	102
3248 77 74	400	338	50	50	101	102	338	50	50	101	102	338	50	50	101	102
3278 77 74	400	338	50	50	101	101	338	50	50	101	101	338	50	50	101	102
3308 77 74	400	339	50	50	101	102	341	50	50	101	102	341	50	50	101	102

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2	3038 77 74	77	9/16	65	412	401	7/16X16	5/16	0	7020	7020	6220
	3068 77 74	77	9/16	42	401	401	7/16X16	5/16	0	4524	6120	4324
	3098 77 74	77	9/16	36	401	401	7/16X16	5/16	0	6220	4324	6220
2	3128 77 74	77	9/16	36	401	401	7/16X16	5/16	0	4324	6220	4324
	3158 77 74	77	9/16	36	401	401	7/16X16	5/16	0	6120	4324	6120
2	3188 77 74	77	9/16	36	401	401	7/16X16	5/16	0	4324	6220	4324
2	3218 77 74	77	9/16	36	401	401	3/8 X16	5/16	0	6220	4324	6220
	3248 77 74	77	9/16	36	401	401	3/8 X16	5/16	0	4324	6120	4324
2	3278 77 74	77	9/16	36	401	401	3/8 X16	5/16	0	6120	4324	6220
	3308 77 74	77	9/16	36	401	401	3/8 X16	5/16	0	4424	6220	4424

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	3038 77 74	75	9/16	55	412	401	1/2 X16	5/16	0	7020	6020	6320
	3068 77 74	75	9/16	42	401	401	7/16X16	5/16	0	4524	6120	4324
	3098 77 74	75	9/16	45	401	401	1/2 X16	5/16	0	6120	4324	6220
	3128 77 74	75	9/16	42	401	401	1/2 X16	5/16	0	4324	6120	4324
	3158 77 74	75	9/16	42	401	401	1/2 X16	5/16	0	6120	4324	6120
	3188 77 74	75	9/16	42	401	401	7/16X16	5/16	0	4324	6120	4324
	3218 77 74	75	9/16	42	401	401	7/16X16	5/16	0	6220	4324	6120
	3248 77 74	75	9/16	42	401	401	7/16X16	5/16	0	4324	6120	4324
	3278 77 74	75	9/16	42	401	401	3/8 X16	5/16	0	6120	4324	6120
2	3308 77 74	75	9/16	42	401	401	7/16X16	5/16	0	4424	6220	4524

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — NEW YORK

4-B1-344

SKILLING-HELLE-CHRISTIANSEN-ROBERTSON — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
333B 77 74	400	341	50	50	101	102	341	50	50	101	102	341	50	50	101	102
336B 77 74	400	340	50	50	101	102	340	55	55	101	102	340	55	55	101	102
339B 77 74	400	340	55	55	101	102	340	55	55	101	102	340	55	55	101	102
342B 77 74	400	339	55	55	101	102	338	55	55	101	102	338	55	55	101	101
345B 77 74	400	338	55	55	101	102	338	55	55	101	102	338	55	55	101	102
348B 77 74	400	338	55	55	101	102	338	55	55	101	102	338	55	55	101	102
351B 77 74	400	338	55	55	101	101	338	55	55	101	101	337	55	55	101	101
354B 77 74	400	336	60	60	101	101	335	60	60	101	101	335	65	65	101	101
357B 77 74	400	332	65	65	101	101	331	70	70	101	101	329	85	85	101	101

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	333B 77 74	77	9/16	36	401	401	7/16X16	3/8	0	6220	4324	6120
	336B 77 74	77	9/16	36	401	401	7/16X16	5/16	0	4324	6120	4324
2	339B 77 74	77	9/16	36	401	401	1/2 X16	5/16	0	6220	4324	6220
2	342B 77 74	77	9/16	42	401	401	1/2 X16	5/16	0	4324	6220	4324
	345B 77 74	77	9/16	42	401	401	1/2 X16	5/16	0	6120	4324	6120
	348B 77 74	77	9/16	42	401	401	1/2 X16	5/16	0	4324	6220	4324
	351B 77 74	77	9/16	42	401	401	1/2 X16	5/16	0	6220	4324	6220
	354B 77 74	77	9/16	45	401	401	7/16X16	5/16	0	4324	6120	4524
2	357B 77 74	77	9/16	70	401	412	1/2 X16	5/16	0	6220	7020	7020

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	333B 77 74	75	9/16	42	401	401	1/2 X16	3/8	0	6120	4324	6120
	336B 77 74	75	9/16	45	401	402	1/2 X16	5/16	0	4424	6120	4524
2	339B 77 74	75	9/16	45	402	402	1/2 X16	5/16	0	6120	4524	6220
	342B 77 74	75	9/16	45	402	402	1/2 X16	5/16	0	4324	6120	4324
	345B 77 74	75	9/16	45	402	402	1/2 X16	5/16	0	6120	4324	6120
	348B 77 74	75	9/16	45	402	402	1/2 X16	5/16	0	4324	6220	4324
	351B 77 74	75	9/16	45	402	402	1/2 X16	5/16	0	6220	4324	6220
	354B 77 74	75	9/16	45	402	402	1/2 X16	5/16	0	4324	6120	4524
2	357B 77 74	75	9/16	60	402	413	1/2 X16	5/16	0	6320	6020	7020

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34866 — STATE OF NEW YORK

4-B1-345

SKILLING-HELLE-CHRISTIANSEN-ROBERTSON — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
4038	77	74	400	325	100	100	101	101	325	100	100	101	101	325	90	90	101	101
4068	77	74	400	325	90	90	101	101	326	90	90	101	101	326	90	90	101	101
4098	77	74	400	326	90	90	101	101	326	90	90	101	101	326	80	80	101	101
4128	77	74	400	326	80	80	101	101	327	80	80	101	101	328	75	75	101	101
4158	77	74	400	329	70	70	101	101	330	65	65	101	101	331	65	65	101	101
4188	77	74	400	332	65	65	101	101	332	65	65	101	101	332	60	60	101	101
4218	77	74	400	332	60	60	101	101	331	60	60	101	101	331	60	60	101	101
4248	77	74	400	330	60	60	101	101	330	60	60	101	101	330	60	60	101	101
4278	77	74	400	330	60	60	101	101	330	60	60	101	101	330	60	60	101	101
4308	77	74	400	330	60	60	101	101	330	55	55	101	101	330	55	55	101	101

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	4038	77	74	77	9/16	80	412	401	9/16X16	1/4	0	7494	6220	7010
2	4068	77	74	77	9/16	65	401	401	7/16X16	1/4	0	6320	7494	6320
2	4098	77	74	77	9/16	65	401	401	7/16X16	1/4	0	7010	6220	7494
	4128	77	74	77	9/16	55	401	401	7/16X16	1/4	0	6220	7010	6220
	4158	77	74	77	9/16	50	401	401	5/16X14	5/16	0	7494	6320	7010
	4188	77	74	77	9/16	42	401	401	5/16X13	5/16	0	4524	6220	4284
	4218	77	74	77	9/16	42	401	401	5/16X12	5/16	0	6220	7464	6220
	4248	77	74	77	9/16	42	401	401	5/16X11	5/16	0	7464	6120	7464
	4278	77	74	77	9/16	42	401	401	5/16X10	5/16	0	6120	4284	6220
	4308	77	74	77	9/16	42	401	401	5/16X10	5/16	0	4184	6220	4184

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2	4038	77	74	75	9/16	75	413	401	9/16X16	1/4	0	4064	6120	4064
2	4068	77	74	75	9/16	60	401	401	1/2 X16	1/4	0	6120	7010	6120
2	4098	77	74	75	9/16	55	401	401	1/2 X16	1/4	0	4064	6120	7364
	4128	77	74	75	9/16	55	401	401	7/16X16	1/4	0	6220	7364	6120
	4158	77	74	75	9/16	45	401	401	5/16X15	5/16	0	7364	6120	7364
	4188	77	74	75	9/16	42	401	401	5/16X14	5/16	0	4524	6120	4174
	4218	77	74	75	9/16	42	401	401	5/16X13	5/16	0	6220	4174	6120
	4248	77	74	75	9/16	36	401	401	5/16X12	5/16	0	4174	6120	4174
	4278	77	74	75	9/16	36	401	401	5/16X11	5/16	0	6120	4174	6120
	4308	77	74	75	9/16	36	401	401	5/16X10	5/16	0	4174	6220	4174

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — NEW YORK — UNIVERSITY OF

4-B1-346

SKILLING-HELLE-CHRISTIANSEN-ROBERTSON — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
4338	77	74	400	330	55	55	101	101	330	55	55	101	101	330	55	55	101	101
4368	77	74	400	330	55	55	101	101	330	55	55	101	101	330	55	55	101	101
4398	77	74	400	331	55	55	101	101	331	55	55	101	101	332	55	55	101	101
4428	77	74	400	332	55	55	101	101	332	55	55	101	101	332	55	55	101	101
4458	77	74	400	331	55	55	101	101	330	60	60	101	101	329	65	65	101	101
4488	77	74	400	328	70	70	101	101	327	75	75	101	101	326	75	75	101	101
4518	77	74	400	326	75	75	101	101	326	85	85	101	101	326	85	85	101	101
4548	77	74	400	326	85	85	101	101	326	85	85	101	101	325	85	85	101	101
4578	77	74	400	325	85	85	101	101	326	85	85	101	101	326	100	100	101	101

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	4338	77	74	77	9/16	42	401	401	5/16X11	5/16	0	6220	4184	6120
	4368	77	74	77	9/16	42	401	401	5/16X12	5/16	0	4184	6120	4284
	4398	77	74	77	9/16	42	401	401	5/16X13	5/16	0	6220	7354	6220
	4428	77	74	77	9/16	42	401	401	5/16X14	5/16	0	7354	6220	4524
	4458	77	74	77	9/16	45	401	401	5/16X14	5/16	0	7010	6320	7494
	4488	77	74	77	9/16	55	401	401	7/16X16	1/4	0	6220	7010	6220
2	4518	77	74	77	9/16	60	401	401	7/16X16	1/4	0	(7494)	6220	7010
2	4548	77	74	77	9/16	60	401	401	7/16X16	1/4	0	6320	(7494)	6320
	4578	77	74	77	9/16	75	401	412	9/16X16	1/4	0	7010	6220	7494

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	4338	77	74	75	9/16	36	401	401	5/16X12	5/16	0	6120	4174	6120
	4368	77	74	75	9/16	36	401	401	5/16X13	5/16	0	4174	6120	4174
	4398	77	74	75	9/16	36	401	401	5/16X14	5/16	0	6120	4174	6220
	4428	77	74	75	9/16	36	401	401	5/16X15	5/16	0	4174	6120	4524
	4458	77	74	75	9/16	42	401	401	5/16X15	5/16	0	7364	6120	7364
	4488	77	74	75	9/16	46	401	401	7/16X16	1/4	0	6120	7364	6220
2	4518	77	74	75	9/16	50	401	401	1/2 X16	1/4	0	7364	6120	(4064)
2	4548	77	74	75	9/16	55	401	401	1/2 X16	1/4	0	6120	(7010)	6120
2	4578	77	74	75	9/16	65	401	413	9/16X16	1/4	0	(4064)	6120	(4064)

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — NO. 24980 — STATE OF NEW YORK

4-B1-347

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
1008 77 74	420	329	85	85	101	101	431	85	85	0	0	331	80	80	101	101
3008 77 74	420	329	90	90	101	101	431	90	90	0	0	331	85	85	101	101

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
1008 77 74	77	9/16	60	412	412	5/8 X16	5/16	0	6620	6020	6720
3008 77 74	77	9/16	60	412	412	9/16X16	5/16	0	6620	6020	6720

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
1008 77 74	75	9/16	55	413	413	5/8 X16	5/16	0	6520	6020	6820
3008 77 74	75	9/16	60	412	412	5/8 X16	5/16	0	6520	6020	6820

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-81-348

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
2008 77 74	410	331	85	85	101	101	531	90	90	121	121	329	90	90	101	101
4008 77 74	410	331	90	90	101	101	531	100	100	121	121	329	100	100	101	101

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	WLD NO 6	WLD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
2008 77 74	77	9/16	60	412	412	5/8 X16	5/16	0	6520	6020	6820
4008 77 74	77	9/16	65	412	412	5/8 X16	5/16	0	6520	6020	6820

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	WLD NO 6	WLD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
2008 77 74	75	9/16	55	413	413	11/16X16	5/16	0	6620	6020	6720
4008 77 74	75	9/16	60	413	413	5/8 X16	5/16	0	6620	6020	6720

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-81-349

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
103B 78 77	101	124	80	80	441	101	126	65	65	431	101	128	60	60	431	101
112B 78 77	101	132	50	50	431	101	132	50	50	431	101	132	50	50	431	101
121B 78 77	101	132	50	50	431	101	132	50	50	431	101	132	50	50	431	101
130B 78 77	101	132	55	55	431	101	132	55	55	431	101	132	55	55	431	101
139B 78 77	101	132	55	55	441	101	132	55	55	441	101	132	55	55	441	101
148B 78 77	101	132	55	55	441	101	132	55	55	441	101	132	55	55	441	101
157B 78 77	101	128	60	60	431	101	126	70	70	431	101	124	85	85	441	101

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103B 78 77	78	7/16	65	113	104	3/8 X16	1/4	0	5110	3311	5210
112B 78 77	78	7/16	42	104	104	5/16X14	5/16	0	3511	5210	3411
121B 78 77	78	7/16	42	104	104	5/16X13	5/16	0	5210	3411	5210
130B 78 77	78	7/16	45	104	104	5/16X12	5/16	0	3411	5210	3411
139B 78 77	78	7/16	45	104	104	5/16X14	5/16	0	5210	3411	5210
148B 78 77	78	7/16	45	104	104	5/16X14	5/16	0	3411	5210	3511
157B 78 77	78	7/16	65	104	113	3/8 X16	1/4	0	5210	3311	5110

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
CITY OF THE STATE OF NEW YORK

4-81-350

SKILLING-HELLE-CHRISTIANSEN-ROBERTSON — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
203B 78 77	101	121	100	100	441	101	121	100	100	431	101	121	100	100	431	101
212B 78 77	101	122	80	80	431	101	123	70	70	431	101	123	70	70	431	101
221B 78 77	101	126	55	55	421	101	126	55	55	421	101	126	55	55	421	101
230B 78 77	101	125	55	55	421	101	125	55	55	421	101	125	55	55	421	101
239B 78 77	101	126	60	60	421	101	126	60	60	421	101	126	60	60	421	101
248B 78 77	101	123	75	75	431	101	123	75	75	431	101	122	80	80	431	101
257B 78 77	101	121	100	100	431	101	121	100	100	431	101	121	100	100	431	101

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
203B 78 77	78	7/16	80	113	104	3/8 X16	1/4	0	3013	5210	5010
212B 78 77	78	7/16	55	103	103	5/16X16	1/4	0	5210	5010	5210
221B 78 77	78	7/16	42	103	103	1/4 X12	1/4	0	5210	7220	5210
230B 78 77	78	7/16	42	102	102	1/4 X 9	1/4	0	7220	5210	7220
239B 78 77	78	7/16	42	103	103	1/4 X12	1/4	0	5210	7440	5210
248B 78 77	78	7/16	55	103	103	1/4 X15	1/4	0	5210	5010	5210
257B 78 77	78	7/16	80	103	113	3/8 X16	1/4	0	5010	5210	3013

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34960
NEW YORK

4-81-351

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

ISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
303B 78 77	101	124	85	85	441	101	126	65	65	431	101	128	60	60	431	101
312B 78 77	101	132	50	50	431	101	132	50	50	431	101	132	50	50	431	101
321B 78 77	101	132	50	50	431	101	132	46	46	431	101	132	46	46	431	101
330B 78 77	101	132	45	45	431	101	132	46	46	431	101	132	50	50	431	101
339B 78 77	101	132	50	50	441	101	132	50	50	441	101	132	55	55	441	101
348B 78 77	101	132	55	55	441	101	132	55	55	441	101	132	55	55	441	101
357B 78 77	101	128	65	65	431	101	126	70	70	431	101	124	85	85	441	101

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303B 78 77	78	7/16	65	113	104	3/8 X16	1/4	0	5110	3311	5210
312B 78 77	78	7/16	42	104	104	5/16X13	5/16	0	3511	5210	3411
321B 78 77	78	7/16	42	104	104	5/16X12	5/16	0	5210	3411	5210
330B 78 77	78	7/16	42	104	104	5/16X12	5/16	0	3411	5210	3411
339B 78 77	78	7/16	45	104	104	5/16X14	5/16	0	5210	3411	5210
348B 78 77	78	7/16	45	104	104	5/16X14	5/16	0	3411	5210	3511
357B 78 77	78	7/16	70	104	113	3/8 X16	1/4	0	5210	3311	5110

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
STATE OF THE STATE OF NEW YORK

4-B1-352

SKILLING-HELLE-CHRISTIANSEN-ROBERTSON — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
403B 78 77	101	121	100	100	441	101	121	100	100	431	101	121	100	100	431	101
412B 78 77	101	122	85	85	431	101	123	75	75	431	101	123	80	80	431	101
421B 78 77	101	126	60	60	421	101	126	60	60	421	101	126	60	60	421	101
430B 78 77	101	125	55	55	421	101	125	55	55	421	101	125	55	55	421	101
439B 78 77	101	126	50	50	421	101	126	55	55	421	101	126	55	55	421	101
448B 78 77	101	123	70	70	431	101	123	70	70	431	101	122	80	80	431	101
457B 78 77	101	121	90	90	431	101	121	90	90	431	101	121	100	100	441	101

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403B 78 77	78	7/16	85	113	104	3/8 X16	1/4	0	3013	5210	5010
412B 78 77	78	7/16	60	103	103	5/16X16	1/4	0	5210	5010	5210
421B 78 77	78	7/16	42	103	103	1/4 X12	1/4	0	5210	7440	5210
430B 78 77	78	7/16	42	102	102	1/4 X 9	1/4	0	7230	5210	7230
439B 78 77	78	7/16	36	103	103	1/4 X13	1/4	0	5210	7220	5210
448B 78 77	78	7/16	55	103	103	5/16X16	1/4	0	5210	5010	5210
457B 78 77	78	7/16	80	104	113	3/8 X16	1/4	0	5010	5210	3013

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — NO. 34250 — STATE OF NEW YORK

4-81-353

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
2008 78 77	111	126	85	85	441	101	526	90	90	0	121	124	90	90	441	101
4008 78 77	111	126	85	85	441	101	526	100	100	0	121	124	100	100	441	101

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPAN FY4	SPAN SCL	SPAN SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2008 78 77	78	7/16	60	113	113	1/2 X16	1/4	0	3313	5010	5610
4008 78 77	78	7/16	65	113	113	1/2 X16	1/4	0	3313	5010	5610

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
STATE OF THE STATE OF NEW YORK

4-81-354

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
109B	79	77	201	130	55	55	431	101	131	55	55	431	101	132	60	60	431	101
118B	79	77	201	132	60	60	431	101	132	60	60	431	101	132	60	60	431	101
127B	79	77	201	132	60	60	431	101	132	60	60	431	101	132	60	60	431	101
133B	79	77	201	132	60	60	431	101	132	60	60	431	101	132	60	60	431	101
142B	79	77	201	132	65	65	441	101	132	60	60	441	101	132	60	60	441	101
151B	79	77	201	132	60	60	441	101	131	60	60	431	101	130	60	60	431	101

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109B	79	77	79	7/16	42	203	203	5/16X12	5/16	0	5210	1411	5210
118B	79	77	79	7/16	42	203	203	5/16X12	5/16	0	1411	5210	1411
127B	79	77	79	7/16	42	202	202	5/16X10	5/16	0	5110	1411	5210
133B	79	77	79	7/16	42	203	203	5/16X11	5/16	0	5210	1411	5110
142B	79	77	79	7/16	45	203	203	5/16X12	5/16	0	1411	5210	1411
151B	79	77	79	7/16	42	203	203	5/16X12	5/16	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109B	79	77	78	7/16	42	104	104	5/16X13	5/16	0	5210	3411	5210
118B	79	77	78	7/16	45	104	104	5/16X13	5/16	0	3411	5210	3411
127B	79	77	78	7/16	45	104	104	5/16X12	5/16	0	5110	3411	5210
133B	79	77	78	7/16	45	104	104	5/16X13	5/16	0	5210	3411	5110
142B	79	77	78	7/16	45	104	104	5/16X14	5/16	0	3411	5210	3411
151B	79	77	78	7/16	45	104	104	5/16X14	5/16	0	5210	3411	5210

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF THE STATE OF NEW YORK

4-B1-355

SKILLING-HELLE-CHRISTIANSEN-ROBERTSON — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
209B 79 77	201	122	100	100	431	101	122	100	100	431	101	122	95	85	431	101
218B 79 77	201	126	60	60	431	101	126	60	60	421	101	126	60	60	421	101
227B 79 77	201	125	60	60	421	101	125	55	55	421	101	125	55	55	421	101
233B 79 77	201	125	60	60	421	101	125	60	60	421	101	125	60	60	421	101
242B 79 77	201	126	65	65	421	101	126	65	65	421	101	126	65	65	421	101
251B 79 77	201	122	90	90	431	101	122	100	100	431	101	122	100	100	431	101

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	209B 79 77	79	7/16	70	202	202	1/4 X15	1/4	0	5010	5210	1212
2	218B 79 77	79	7/16	42	202	202	1/4 X12	1/4	0	4511	5210	7221
2	227B 79 77	79	7/16	42	201	201	1/4 X 9	1/4	0	5110	7441	5210
	233B 79 77	79	7/16	42	201	201	1/4 X 9	1/4	0	5210	7221	5110
2	242B 79 77	79	7/16	45	202	202	1/4 X11	1/4	0	4241	5210	4511
	251B 79 77	79	7/16	70	202	202	1/4 X14	1/4	0	1212	5210	5010

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	209B 79 77	78	7/16	55	104	103	5/16X16	1/4	0	5010	5210	3212
2	218B 79 77	78	7/16	42	103	103	1/4 X13	1/4	0	4510	5210	7220
2	227B 79 77	78	7/16	36	102	102	1/4 X10	1/4	0	5110	4540	5210
2	233B 79 77	78	7/16	42	102	102	1/4 X10	1/4	0	5210	7220	5110
	242B 79 77	78	7/16	42	103	103	1/4 X13	1/4	0	7441	5210	4510
	251B 79 77	78	7/16	60	103	103	1/4 X16	1/4	0	3212	5210	5010

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34560 UNIVERSITY OF THE STATE OF NEW YORK

4-81-356

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
309B 79 77	201	130	55	55	431	101	131	55	55	431	101	132	60	60	431	101
318B 79 77	201	132	55	55	431	101	132	55	55	431	101	132	55	55	431	101
327B 79 77	201	132	55	55	431	101	132	55	55	431	101	132	55	55	431	101
333B 79 77	201	132	55	55	431	101	132	55	55	431	101	132	55	55	431	101
342B 79 77	201	132	60	60	431	101	132	60	60	431	101	132	60	60	431	101
351B 79 77	201	132	60	60	431	101	131	60	60	431	101	130	60	60	431	101

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309B 79 77	79	7/16	42	203	203	5/16X11	5/16	0	5210	1411	5210
318B 79 77	79	7/16	42	203	203	5/16X11	5/16	0	1411	5210	1411
327B 79 77	79	7/16	36	202	202	5/16X10	5/16	0	5110	1411	5210
333B 79 77	79	7/16	42	203	203	5/16X11	5/16	0	5210	1411	5110
342B 79 77	79	7/16	42	203	203	5/16X12	5/16	0	1411	5210	1411
351B 79 77	79	7/16	42	203	203	5/16X12	5/16	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309B 79 77	78	7/16	42	104	104	5/16X13	5/16	0	5210	3411	5210
318B 79 77	78	7/16	42	104	104	5/16X13	5/16	0	3411	5210	3411
327B 79 77	78	7/16	42	103	104	5/16X11	5/16	0	5110	3411	5210
333B 79 77	78	7/16	42	104	104	5/16X13	5/16	0	5210	3411	5110
342B 79 77	78	7/16	45	104	104	5/16X14	5/16	0	3411	5210	3411
351B 79 77	78	7/16	45	104	104	5/16X14	5/16	0	5210	3411	5210

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-81-357

SKILLING-HELLE-CHRISTIANSEN-ROBERTSON — **Civil & Structural Engineers**

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	12-5-67

PROVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
4098 79 77	201	122	100	100	431	101	122	100	100	431	101	122	90	90	431	101
4188 79 77	201	126	65	65	421	101	126	65	65	421	101	126	65	65	421	101
4278 79 77	201	125	60	60	421	101	125	60	60	421	101	125	60	60	421	101
4338 79 77	201	125	55	55	421	101	125	55	55	421	101	125	55	55	421	101
4428 79 77	201	126	55	55	421	101	126	60	60	421	101	126	60	60	431	101
4518 79 77	201	122	85	85	431	101	122	100	100	431	101	122	100	100	431	101

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
4098 79 77	79	7/16	70	202	202	1/4 X14	1/4	0	5010	5210	1212
418B 79 77	79	7/16	45	202	202	1/4 X12	1/4	0	1611	5210	1111
427B 79 77	79	7/16	42	201	201	1/4 X 8	1/4	0	5110	1111	5210
433B 79 77	79	7/16	42	201	201	1/4 X 9	1/4	0	5210	1111	5110
2 442B 79 77	79	7/16	42	202	202	1/4 X12	1/4	0	7241	5210	4531
451B 79 77	79	7/16	70	202	202	1/4 X14	1/4	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
4098 79 77	78	7/16	60	104	103	5/16X16	1/4	0	5010	5210	3212
2 418B 79 77	78	7/16	42	103	103	1/4 X13	1/4	0	4510	5210	7440
2 427B 79 77	78	7/16	42	102	102	1/4 X10	1/4	0	5110	7230	5210
2 433B 79 77	78	7/16	42	102	102	1/4 X10	1/4	0	5210	4540	5110
2 442B 79 77	78	7/16	42	103	103	1/4 X14	1/4	0	7220	5210	4510
451B 79 77	78	7/16	55	103	104	5/16X16	1/4	0	3212	5210	5010

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — NEW YORK

4-81-358

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
1008 79 77	213	124	100	100	441	101	526	100	100	0	0	126	90	90	441	101
3008 79 77	213	124	100	100	441	101	526	100	100	0	0	126	90	90	441	101

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	WLD NO 6	WLD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
1008 79 77	79	7/16	70	211	211	3/8 X16	1/4	0	5410	5010	1313
3008 79 77	79	7/16	75	211	211	3/8 X16	1/4	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	WLD NO 6	WLD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
1008 79 77	78	7/16	60	113	113	1/2 X16	1/4	0	5410	5010	3313
3008 79 77	78	7/16	65	113	113	7/16X16	1/4	0	5410	5010	3313

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

4-81-359

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

	PANEL NUMBER		PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
4	1068	80 77	303	129	65	65	434	101	129	60	60	434	101	130	60	60	434	101
4	1158	80 77	303	132	60	60	434	101	132	60	60	434	101	132	60	60	434	101
	1248	80 77	303	132	60	60	431	101	132	60	60	431	101	132	60	60	431	101
4	1368	80 77	303	132	60	60	434	101	132	60	60	434	101	132	60	60	434	101
4	1458	80 77	303	132	60	60	434	101	132	60	60	434	101	132	60	60	434	101
4	1548	80 77	303	130	65	65	434	101	129	65	65	434	101	129	65	65	434	101

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
1068	80	77	80	7/16	42	103	103	5/16X10	5/16	0	1311	5110	1411
1158	80	77	80	7/16	42	103	103	5/16X11	5/16	0	5110	1411	5110
1248	80	77	80	7/16	42	103	103	5/16X10	5/16	0	1411	5110	1411
1368	80	77	80	7/16	42	103	104	5/16X11	5/16	0	1411	5110	1411
1458	80	77	80	7/16	42	104	104	5/16X12	5/16	0	5110	1411	5110
1548	80	77	80	7/16	45	104	103	5/16X11	5/16	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
1068	80	77	79	7/16	42	203	203	5/16X11	5/16	0	1311	5110	1411
1158	80	77	79	7/16	42	203	203	5/16X12	5/16	0	5110	1411	5110
1248	80	77	79	7/16	42	203	202	5/16X11	5/16	0	1411	5110	1411
1368	80	77	79	7/16	42	203	203	5/16X12	5/16	0	1411	5110	1411
1458	80	77	79	7/16	45	203	203	5/16X12	5/16	0	5110	1411	5110
1548	80	77	79	7/16	45	203	203	5/16X12	5/16	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
1068	80	77	78	7/16	42	104	104	5/16X13	5/16	0	3311	5110	3411
1158	80	77	78	7/16	42	104	104	5/16X14	5/16	0	5110	3411	5110
1248	80	77	78	7/16	42	104	104	5/16X13	5/16	0	3411	5110	3411
1368	80	77	78	7/16	45	104	104	5/16X14	5/16	0	3411	5110	3411
1458	80	77	78	7/16	45	104	104	5/16X14	5/16	0	5110	3411	5110
1548	80	77	78	7/16	42	104	104	5/16X14	5/16	0	3411	5110	3311

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-81-360

SKILLING-HELLE-CHRISTIANSEN-ROBERTSON — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
2068	80	77	303	122	100	100	431	101	122	100	100	431	101	122	100	100	431	101
2158	80	77	303	124	75	75	431	101	125	70	70	431	101	126	65	65	431	101
2248	80	77	303	125	60	60	421	101	125	60	60	421	101	125	60	60	421	101
2368	80	77	303	125	65	65	421	101	125	65	65	421	101	125	65	65	421	101
2458	80	77	303	126	70	70	431	101	125	75	75	431	101	124	80	80	431	101
2548	80	77	303	122	100	100	431	101	122	100	100	431	101	122	100	100	431	101

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	2068	80	77	80	7/16	65	103	103	1/4 X14	1/4	0	5110	1212	5110
	2158	80	77	80	7/16	50	103	103	1/4 X11	1/4	0	1212	5510	5110
Z	2248	80	77	80	7/16	42	102	102	1/4 X 9	1/4	0	4110	5110	1111
	2368	80	77	80	7/16	45	102	102	1/4 X 9	1/4	0	1111	5110	1111
	2458	80	77	80	7/16	50	103	103	1/4 X11	1/4	0	5110	5310	1212
	2548	80	77	80	7/16	65	103	103	1/4 X13	1/4	0	5110	1212	5110

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	2068	80	77	79	7/16	70	203	202	1/4 X15	1/4	0	5110	1212	5110
	2158	80	77	79	7/16	55	202	202	1/4 X12	1/4	0	1212	5510	5110
2	2248	80	77	79	7/16	42	201	201	1/4 X10	1/4	0	4141	5110	7441
	2368	80	77	79	7/16	45	201	201	1/4 X 9	1/4	0	7221	5110	7221
	2458	80	77	79	7/16	55	202	202	1/4 X12	1/4	0	5110	5310	1212
	2548	80	77	79	7/16	70	202	202	1/4 X14	1/4	0	5110	1212	5110

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	2068	80	77	78	7/16	60	104	104	5/16X16	1/4	0	5110	3212	5110
	2158	80	77	78	7/16	45	103	103	1/4 X14	1/4	0	3212	5510	5110
2	2248	80	77	78	7/16	42	103	102	1/4 X11	1/4	0	4140	5110	7450
2	2368	80	77	78	7/16	42	102	103	1/4 X11	1/4	0	4540	5110	7440
	2458	80	77	78	7/16	50	103	103	1/4 X13	1/4	0	5110	5310	3212
	2548	80	77	78	7/16	60	103	103	5/16X16	1/4	0	5110	3212	5110

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — UNIVERSITY OF NEBRASKA

4-51-361

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — **Structural & Civil Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

	PANEL NUMBER		PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
	306B	80 77	303	129	65	65	431	101	129	60	60	431	101	130	60	60	431	101
	315B	80 77	303	132	55	55	431	101	132	55	55	431	101	132	55	55	431	101
	324B	80 77	303	132	55	55	431	101	132	55	55	431	101	132	55	55	431	101
4	336B	80 77	303	132	55	55	434	101	132	55	55	434	101	132	55	55	434	101
4	345B	80 77	303	132	60	60	434	101	132	60	60	434	101	132	60	60	434	101
4	354B	80 77	303	130	65	65	434	101	129	65	65	434	101	129	70	70	434	101

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306B	80	77	80	7/16	45	103	103	5/16X10	5/16	0	1311	5110	1411
315B	80	77	80	7/16	42	103	103	5/16X10	5/16	0	5110	1411	5110
324B	80	77	80	7/16	36	103	103	5/16X10	5/16	0	1411	5110	1411
336B	80	77	80	7/16	42	103	104	5/16X11	5/16	0	1411	5110	1411
345B	80	77	80	7/16	42	104	104	5/16X11	5/16	0	5110	1411	5110
354B	80	77	80	7/16	46	104	103	5/16X11	5/16	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306B	80	77	79	7/16	45	203	203	5/16X11	5/16	0	1311	5110	1411
315B	80	77	79	7/16	42	203	203	5/16X11	5/16	0	5110	1411	5110
324B	80	77	79	7/16	42	202	202	5/16X10	5/16	0	1411	5110	1411
336B	80	77	79	7/16	42	203	203	5/16X12	5/16	0	1411	5110	1411
345B	80	77	79	7/16	42	203	203	5/16X12	5/16	0	5110	1411	5110
354B	80	77	79	7/16	46	203	203	5/16X12	5/16	0	1411	5110	1311

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306B	80	77	78	7/16	42	104	104	5/16X12	5/16	0	3311	5110	3411
315B	80	77	78	7/16	42	104	104	5/16X13	5/16	0	5110	3411	5110
324B	80	77	78	7/16	42	104	103	5/16X12	5/16	0	3411	5110	3411
336B	80	77	78	7/16	45	104	104	5/16X14	5/16	0	3411	5110	3411
345B	80	77	78	7/16	45	104	104	5/16X14	5/16	0	5110	3411	5110
354B	80	77	78	7/16	42	104	104	5/16X13	5/16	0	3411	5110	3311

4-81-362

SKILLING-HELLE-CHRISTIANSEN-ROBERTSON — **Civil & Structural Engineers**

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	12-5-67

PROVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
4068	80	77	303	122	100	100	431	101	122	100	100	431	101	122	100	100	431	101
4158	80	77	303	124	80	80	431	101	125	75	75	431	101	126	70	70	431	101
4248	80	77	303	125	65	65	421	101	125	65	65	421	101	125	65	65	421	101
4368	80	77	303	125	55	55	421	101	125	60	60	421	101	125	60	60	421	101
4458	80	77	303	126	65	65	431	101	125	70	70	431	101	124	75	75	431	101
4548	80	77	303	122	100	100	431	101	122	100	100	431	101	122	100	100	431	101

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	4068	80	77	80	7/16	70	103	103	1/4 X14	1/4	0	5110	1212	5110
	4158	80	77	80	7/16	55	103	103	1/4 X11	1/4	0	1212	5510	5110
	4248	80	77	80	7/16	45	102	102	1/4 X 9	1/4	0	1111	5110	1111
2	4368	80	77	80	7/16	42	102	102	1/4 X 9	1/4	0	1111	5110	4110
	4458	80	77	80	7/16	50	103	103	1/4 X11	1/4	0	5110	5310	1212
	4548	80	77	80	7/16	65	103	103	1/4 X14	1/4	0	5110	1212	5110

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	4068	80	77	79	7/16	70	203	202	1/4 X15	1/4	0	5110	1212	5110
	4158	80	77	79	7/16	55	202	202	1/4 X12	1/4	0	1212	5510	5110
	4248	80	77	79	7/16	45	201	201	1/4 X 9	1/4	0	1111	5110	1111
2	4368	80	77	79	7/16	42	201	202	1/4 X10	1/4	0	1111	5110	4141
	4458	80	77	79	7/16	55	202	202	1/4 X12	1/4	0	5110	5310	1212
	4548	80	77	79	7/16	70	202	203	1/4 X15	1/4	0	5110	1212	5110

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — NEW YORK

	PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	4068	80	77	78	7/16	60	104	104	5/16X16	1/4	0	5110	3212	5110
	4158	80	77	78	7/16	50	103	103	1/4 X14	1/4	0	3212	5510	5110
2	4248	80	77	78	7/16	42	103	102	1/4 X11	1/4	0	4540	5110	7230
2	4368	80	77	78	7/16	42	102	103	1/4 X11	1/4	0	7450	5110	4140
	4458	80	77	78	7/16	45	103	103	1/4 X14	1/4	0	5110	5310	3212
	4548	80	77	78	7/16	55	104	104	5/16X16	1/4	0	5110	3212	5110

4-31-363

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

DIVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
200B	80	78	212	124	100	100	441	441	524	100	100	0	0	122	100	100	441	441
400B	80	78	212	124	100	100	441	441	524	100	100	0	0	122	100	100	441	441

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
200B	80	78	80	7/16	65	113	113	3/8 X16	1/4	0	1313	5010	5610
400B	80	78	80	7/16	70	113	113	3/8 X16	1/4	0	1313	5010	5610

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
200S	80	78	79	7/16	70	211	211	7/16X16	1/4	0	1313	5010	5610
400S	80	78	79	7/16	75	211	211	7/16X16	1/4	0	1313	5010	5610

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-B1-364

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
4 1038	81	78	302	123	85	85	434	441	124	75	75	431	431	125	70	70	431	431
4 1128	81	78	302	129	60	60	434	431	129	60	60	434	431	129	60	60	434	431
1218	81	78	302	129	60	60	431	431	129	60	60	431	431	129	60	60	431	431
1308	81	78	302	129	60	60	431	431	130	60	60	431	431	130	60	60	431	431
4 1398	81	78	302	130	60	60	434	441	130	60	60	434	441	130	60	60	434	441
4 1488	81	78	302	129	60	60	434	441	129	60	60	434	441	129	60	60	434	441
4 1578	81	78	302	125	75	75	434	431	124	75	75	434	431	123	90	90	434	441

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1038	81	78	81	7/16	70	113	103	1/4 X14	1/4	0	5110	1311	5210
1128	81	78	81	7/16	42	103	103	5/16X10	5/16	0	1511	5210	1411
1218	81	78	81	7/16	42	103	103	5/16X10	5/16	0	5210	1411	5210
1308	81	78	81	7/16	42	103	103	5/16X 9	5/16	0	1411	5210	1411
1398	81	78	81	7/16	42	103	103	5/16X11	5/16	0	5210	1411	5210
1488	81	78	81	7/16	42	104	104	5/16X11	5/16	0	1411	5210	1511
1578	81	78	81	7/16	70	103	113	1/4 X15	1/4	0	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1038	81	78	80	7/16	70	113	103	1/4 X15	1/4	0	5110	1311	5210
1128	81	78	80	7/16	42	103	103	5/16X11	5/16	0	1511	5210	1411
1218	81	78	80	7/16	42	103	103	5/16X10	5/16	0	5210	1411	5210
1308	81	78	80	7/16	42	103	103	5/16X10	5/16	0	1411	5210	1411
1398	81	78	80	7/16	42	104	104	5/16X11	5/16	0	5210	1411	5210
1488	81	78	80	7/16	42	104	104	5/16X11	5/16	0	1411	5210	1511
1578	81	78	80	7/16	70	103	113	1/4 X16	1/4	0	5210	1311	5110

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1038	81	78	79	7/16	65	211	203	5/16X16	1/4	0	5110	1311	5210
1128	81	78	79	7/16	42	203	203	5/16X11	5/16	0	1511	5210	1411
1218	81	78	79	7/16	42	203	203	5/16X11	5/16	0	5210	1411	5210
1308	81	78	79	7/16	42	202	203	5/16X11	5/16	0	1411	5210	1411
1398	81	78	79	7/16	42	203	203	5/16X12	5/16	0	5210	1411	5210
1488	81	78	79	7/16	45	203	203	5/16X12	5/16	0	1411	5210	1511
1578	81	78	79	7/16	70	203	211	5/16X16	1/4	0	5210	1311	5110

4-81-365

SKILLING-HELLE-CHRISTIANSEN-ROBERTSON — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

VISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
203B	81	78	302	120	100	100	441	441	120	100	100	431	431	120	100	100	431	431
212B	81	78	302	121	90	90	431	431	121	90	90	431	431	122	80	80	431	431
221B	81	78	302	125	60	60	421	421	124	60	60	421	421	124	60	60	421	421
230B	81	78	302	124	60	60	421	421	124	60	60	421	421	124	60	60	421	421
239B	81	78	302	124	65	65	421	421	124	65	65	421	421	125	65	65	421	421
248B	81	78	302	122	85	85	431	431	121	90	90	431	431	121	100	100	431	431
257B	81	78	302	120	100	100	431	431	120	100	100	431	431	120	100	100	441	431

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203B	81	78	81	7/16	80	113	103	1/4 X14	1/4	0	1013	5210	5010
212B	81	78	81	7/16	60	103	103	1/4 X12	1/4	0	5210	5010	5210
2 221B	81	78	81	7/16	42	102	102	1/4 X 9	1/4	0	5210	(7240)	5210
230B	81	78	81	7/16	42	102	102	0 X 0	1/4	0	1111	5210	1111
239B	81	78	81	7/16	45	102	102	1/4 X 9	1/4	0	5210	1111	5210
248B	81	78	81	7/16	65	103	103	1/4 X11	1/4	0	5210	5010	5210
257B	81	78	81	7/16	80	103	112	1/4 X13	1/4	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203B	81	78	80	7/16	80	113	103	1/4 X15	1/4	0	1013	5210	5010
212B	81	78	80	7/16	65	103	103	1/4 X12	1/4	0	5210	5010	5210
2 221B	81	78	80	7/16	42	102	102	1/4 X 9	1/4	0	5210	(7240)	5210
230B	81	78	80	7/16	42	102	102	0 X 0	1/4	0	1111	5210	1111
239B	81	78	80	7/16	42	102	102	1/4 X 9	1/4	0	5210	1111	5210
248B	81	78	80	7/16	65	103	103	1/4 X12	1/4	0	5210	5010	5210
257B	81	78	80	7/16	80	103	113	1/4 X14	1/4	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
203B	81	78	79	7/16	85	211	203	5/16X16	1/4	0	1013	5210	5010
212B	81	78	79	7/16	60	202	202	1/4 X13	1/4	0	5210	5010	5210
221B	81	78	79	7/16	42	202	201	1/4 X10	1/4	0	5210	7221	5210
2 230B	81	78	79	7/16	42	201	201	0 X 0	1/4	0	(44)	5210	4241
239B	81	78	79	7/16	45	201	202	1/4 X10	1/4	0	5210	7221	5210
248B	81	78	79	7/16	60	202	202	1/4 X13	1/4	0	5210	5010	5210
257B	81	78	79	7/16	85	202	211	1/4 X15	1/4	0	5010	5210	1013

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON NO. 34[illegible] STATE OF NEW YORK

4-B1-366

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

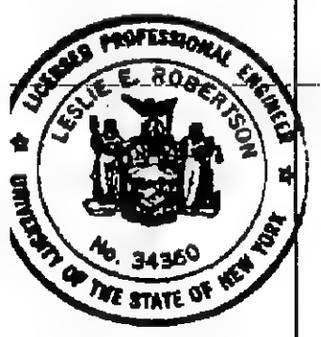
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

	PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
4	3038	81	78	302	123	90	90	434	441	124	75	75	431	431	125	70	70	431	431
	3128	81	78	302	129	60	60	431	431	129	60	60	431	431	129	60	60	431	431
	3218	81	78	302	129	55	55	431	431	129	55	55	431	431	129	55	55	431	431
	3308	81	78	302	129	55	55	431	431	130	50	50	431	431	130	55	55	431	431
4	3398	81	78	302	130	55	55	434	441	130	55	55	434	441	130	55	55	434	441
4	3488	81	78	302	129	60	60	434	441	129	60	60	434	441	129	60	60	434	441
4	3578	81	78	302	125	75	75	434	431	124	80	80	434	431	123	100	100	434	441

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
3038	81	78	81	7/16	70	112	103	1/4 X14	1/4	0	5110	1311	5210
3128	81	78	81	7/16	42	103	103	5/16X10	5/16	0	1511	5210	1411
3218	81	78	81	7/16	36	103	103	5/16X 9	5/16	0	5210	1411	5210
3308	81	78	81	7/16	36	103	103	5/16X 9	5/16	0	1411	5210	1411
3398	81	78	81	7/16	42	103	103	5/16X11	5/16	0	5210	1411	5210
3488	81	78	81	7/16	42	104	103	5/16X11	5/16	0	1411	5210	1511
3578	81	78	81	7/16	75	103	113	1/4 X15	1/4	0	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
3038	81	78	80	7/16	70	113	103	1/4 X14	1/4	0	5110	1311	5210
3128	81	78	80	7/16	42	103	103	5/16X10	5/16	0	1511	5210	1411
3218	81	78	80	7/16	36	103	103	5/16X10	5/16	0	5210	1411	5210
3308	81	78	80	7/16	36	103	103	5/16X10	5/16	0	1411	5210	1411
3398	81	78	80	7/16	42	104	104	5/16X11	5/16	0	5210	1411	5210
3488	81	78	80	7/16	42	104	104	5/16X11	5/16	0	1411	5210	1511
3578	81	78	80	7/16	75	103	113	1/4 X16	1/4	0	5210	1311	5110



PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
3038	81	78	79	7/16	70	211	203	1/4 X15	1/4	0	5110	1311	5210
3128	81	78	79	7/16	42	203	203	5/16X11	5/16	0	1511	5210	1411
3218	81	78	79	7/16	42	203	202	5/16X11	5/16	0	5210	1411	5210
3308	81	78	79	7/16	42	202	203	5/16X10	5/16	0	1411	5210	1411
3398	81	78	79	7/16	42	203	203	5/16X12	5/16	0	5210	1411	5210
3488	81	78	79	7/16	42	203	203	5/16X12	5/16	0	1411	5210	1511
3578	81	78	79	7/16	70	203	211	5/16X16	1/4	0	5210	1311	5110

4-81-367

SKILLING-HELLE-CHRISTIANSEN-ROBERTSON — Civil & Structural Engineers

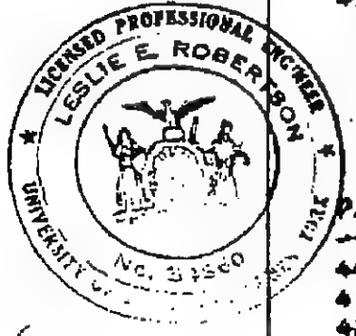
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
4038	81	78	302	120	100	100	441	441	120	100	100	431	431	120	100	100	431	431
4128	81	78	302	121	100	100	431	431	121	100	100	431	431	122	85	85	431	431
4218	81	78	302	125	65	65	421	421	124	65	65	421	421	124	65	65	421	421
4308	81	78	302	124	60	60	421	421	124	60	60	421	421	124	60	60	421	421
4398	81	78	302	124	60	60	421	421	124	60	60	421	421	125	55	55	431	421
4488	81	78	302	122	80	80	431	431	121	90	90	431	431	121	90	90	431	431
4578	81	78	302	120	100	100	431	431	120	100	100	431	431	120	100	100	441	441

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
4038	81	78	81	7/16	85	113	103	1/4 X14	1/4	0	1013	5210	5010
4128	81	78	81	7/16	65	103	103	1/4 X12	1/4	0	5210	5010	5210
4218	81	78	81	7/16	45	102	102	1/4 X 9	1/4	0	5210	1111	5210
4308	81	78	81	7/16	42	102	102	0 X 0	1/4	0	1111	5210	1111
2 4398	81	78	81	7/16	42	102	102	1/4 X 9	1/4	0	5210	7240	5210
4488	81	78	81	7/16	60	103	103	1/4 X12	1/4	0	5210	5010	5210
4578	81	78	81	7/16	80	103	113	1/4 X14	1/4	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
4038	81	78	80	7/16	85	113	103	1/4 X15	1/4	0	1013	5210	5010
4128	81	78	80	7/16	65	103	103	1/4 X12	1/4	0	5210	5010	5210
4218	81	78	80	7/16	45	102	102	1/4 X 9	1/4	0	5210	1111	5210
4308	81	78	80	7/16	42	102	102	0 X 0	1/4	0	1111	5210	1111
2 4398	81	78	80	7/16	42	102	103	1/4 X10	1/4	0	5210	7240	5210
4488	81	78	80	7/16	65	103	103	1/4 X12	1/4	0	5210	5010	5210
4578	81	78	80	7/16	80	103	113	1/4 X15	1/4	0	5010	5210	1013



PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
4038	81	78	79	7/16	85	211	203	1/4 X16	1/4	0	1013	5210	5010
4128	81	78	79	7/16	65	202	202	1/4 X13	1/4	0	5210	5010	5210
4218	81	78	79	7/16	45	202	201	1/4 X10	1/4	0	5210	1111	5210
4308	81	78	79	7/16	42	201	201	0 X 0	1/4	0	1111	5210	1111
2 4398	81	78	79	7/16	42	202	202	1/4 X11	1/4	0	5210	7241	5210
4488	81	78	79	7/16	60	202	202	1/4 X13	1/4	0	5210	5010	5210
4578	81	78	79	7/16	85	203	211	1/4 X16	1/4	0	5010	5210	1013

4-81-368

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
100B 81 79	210	122	100	100	441	441	524	100	100	0	0	124	90	90	441	441
300B 81 79	210	122	100	100	441	441	524	100	100	0	0	124	90	90	441	441

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPAN FY4	SPAN SCL	SPAN SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100B 81 79	81	7/16	65	113	113	3/8 X16	1/4	0	5410	5010	1313
300B 81 79	81	7/16	65	112	112	5/16X16	1/4	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPAN FY4	SPAN SCL	SPAN SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100B 81 79	80	7/16	65	113	113	3/8 X16	1/4	0	5410	5010	1313
300B 81 79	80	7/16	70	113	113	3/8 X16	1/4	0	5410	5010	1313

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-81-369

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

	PANEL NUMBER		PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
4	1098	82 79	300	128	60	60	431	431	129	60	60	431	431	129	60	60	434	431
	1188	82 79	300	129	55	55	431	431	129	55	55	431	431	129	55	55	431	431
	1278	82 79	300	129	55	55	431	431	129	55	55	431	431	129	55	55	431	431
	1338	82 79	300	129	60	60	431	431	129	60	60	431	431	129	60	60	431	431
4	1428	82 79	300	129	60	60	434	441	129	60	60	434	441	129	60	60	434	441
4	1518	82 79	300	129	60	60	434	441	129	60	60	434	431	128	65	65	434	431

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1098	82	79	82	7/16	42	103	103	1/4 X14	1/4	0	5210	1411	5210
1188	82	79	82	7/16	36	103	103	5/16X10	5/16	0	1411	5210	1411
1278	82	79	82	7/16	42	103	103	5/16X 9	5/16	0	5110	1411	5210
1338	82	79	82	7/16	42	103	103	5/16X 9	5/16	0	5210	1411	5110
1428	82	79	82	7/16	42	103	103	5/16X10	5/16	0	1411	5210	1411
1518	82	79	82	7/16	42	103	103	1/4 X15	1/4	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1098	82	79	81	7/16	42	103	103	1/4 X15	1/4	0	5210	1411	5210
1188	82	79	81	7/16	42	103	103	5/16X10	5/16	0	1411	5210	1411
1278	82	79	81	7/16	42	103	103	5/16X 9	5/16	0	5110	1411	5210
1338	82	79	81	7/16	42	103	103	5/16X10	5/16	0	5210	1411	5110
1428	82	79	81	7/16	42	103	104	5/16X11	5/16	0	1411	5210	1411
1518	82	79	81	7/16	42	104	103	1/4 X16	1/4	0	5210	1411	5210

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1098	82	79	80	7/16	42	103	103	1/4 X16	1/4	0	5210	1411	5210
1188	82	79	80	7/16	42	103	103	5/16X10	5/16	0	1411	5210	1411
1278	82	79	80	7/16	42	103	103	5/16X 9	5/16	0	5110	1411	5210
1338	82	79	80	7/16	42	103	103	5/16X10	5/16	0	5210	1411	5110
1428	82	79	80	7/16	42	104	104	5/16X11	5/16	0	1411	5210	1411
1518	82	79	80	7/16	42	104	104	5/16X16	1/4	0	5210	1411	5210

4-81-370

SKILLING-HELLE-CHRISTIANSEN-ROBERTSON — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

VISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
2098 82 79	300	120	90	90	431	431	120	90	90	431	431	120	90	90	431	431
2188 82 79	300	124	60	60	431	431	124	60	60	421	421	124	60	60	421	421
2278 82 79	300	123	60	60	421	421	123	60	60	421	421	123	60	60	421	421
2338 82 79	300	123	60	60	421	421	123	60	60	421	421	123	65	65	421	421
2428 82 79	300	124	65	65	421	421	124	65	65	421	421	124	65	65	431	421
2518 82 79	300	120	100	100	431	431	120	100	100	431	431	120	100	100	431	431

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	2098 82 79	82	7/16	60	103	103	1/4 X11	1/4	0	5010	5210	1212
2	2188 82 79	82	7/16	42	102	102	1/4 X 9	1/4	0	4530	5210	7240
	2278 82 79	82	7/16	42	102	102	0 X 0	1/4	0	5110	1111	5210
	2338 82 79	82	7/16	42	102	102	0 X 0	1/4	0	5210	1111	5110
	2428 82 79	82	7/16	42	102	102	1/4 X 9	1/4	0	1111	5210	1611
	2518 82 79	82	7/16	65	103	103	1/4 X10	1/4	0	1212	5210	5010

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	2098 82 79	81	7/16	65	103	103	1/4 X11	1/4	0	5010	5210	1212
2	2188 82 79	81	7/16	42	103	102	1/4 X10	1/4	0	4530	5210	7240
	2278 82 79	81	7/16	42	102	102	0 X 0	1/4	0	5110	1111	5210
	2338 82 79	81	7/16	42	102	102	0 X 0	1/4	0	5210	1111	5110
	2428 82 79	81	7/16	45	102	102	1/4 X 9	1/4	0	1111	5210	1611
	2518 82 79	81	7/16	65	103	103	1/4 X11	1/4	0	1212	5210	5010

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	2098 82 79	80	7/16	65	103	103	1/4 X12	1/4	0	5010	5210	1212
2	2188 82 79	80	7/16	42	103	102	1/4 X10	1/4	0	4530	5210	7240
	2278 82 79	80	7/16	42	102	102	0 X 0	1/4	0	5110	1111	5210
	2338 82 79	80	7/16	42	102	102	0 X 0	1/4	0	5210	1111	5110
	2428 82 79	80	7/16	45	102	103	1/4 X10	1/4	0	1111	5210	1611
	2518 82 79	80	7/16	65	103	103	1/4 X11	1/4	0	1212	5210	5010

4-81-371

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

	PANEL NUMBER		PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
	3098 82	79	300	128	60	60	431	431	129	60	60	431	431	129	60	60	431	431
	3188 82	79	300	129	55	55	431	431	129	55	55	431	431	129	55	55	431	431
	3278 82	79	300	129	50	50	431	431	129	50	50	431	431	129	50	50	431	431
	3338 82	79	300	129	55	55	431	431	129	55	55	431	431	129	55	55	431	431
4	3428 82	79	300	129	55	55	434	431	129	55	55	434	431	129	55	55	434	431
4	3518 82	79	300	129	60	60	434	431	129	60	60	434	431	128	65	65	434	431

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
3098	82	79	82	7/16	42	103	103	1/4 X13	1/4	0	5210	1411	5210
3188	82	79	82	7/16	36	103	103	5/16X 9	5/16	0	1411	5210	1411
3278	82	79	82	7/16	36	103	103	5/16X 8	5/16	0	5110	1411	5210
3338	82	79	82	7/16	36	103	103	5/16X 9	5/16	0	5210	1411	5110
3428	82	79	82	7/16	42	103	103	5/16X10	5/16	0	1411	5210	1411
3518	82	79	82	7/16	45	103	103	1/4 X15	1/4	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
3098	82	79	81	7/16	42	103	103	1/4 X14	1/4	0	5210	1411	5210
3188	82	79	81	7/16	36	103	103	5/16X 9	5/16	0	1411	5210	1411
3278	82	79	81	7/16	36	103	103	5/16X 9	5/16	0	5110	1411	5210
3338	82	79	81	7/16	42	103	103	5/16X10	5/16	0	5210	1411	5110
3428	82	79	81	7/16	42	103	104	5/16X11	5/16	0	1411	5210	1411
3518	82	79	81	7/16	42	103	103	1/4 X15	1/4	0	5210	1411	5210

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
3098	82	79	80	7/16	42	103	103	1/4 X15	1/4	0	5210	1411	5210
3188	82	79	80	7/16	36	103	103	5/16X10	5/16	0	1411	5210	1411
3278	82	79	80	7/16	36	103	103	5/16X 9	5/16	0	5110	1411	5210
3338	82	79	80	7/16	42	103	103	5/16X10	5/16	0	5210	1411	5110
3428	82	79	80	7/16	42	104	104	5/16X11	5/16	0	1411	5210	1411
3518	82	79	80	7/16	42	104	104	5/16X16	1/4	0	5210	1411	5210

4-81-372

SKILLING-HELLE-CHRISTIANSEN-ROBERTSON — **Civil & Structural Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 12-5-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COLUMN 1 FY1	COLUMN 1 FY2	COLUMN 1 CSU	COLUMN 1 CSL	COLUMN 2 TYPE	COLUMN 2 FY1	COLUMN 2 FY2	COLUMN 2 CSU	COLUMN 2 CSL	COLUMN 3 TYPE	COLUMN 3 FY1	COLUMN 3 FY2	COLUMN 3 CSU	COLUMN 3 CSL
409B 82 79	300	120	100	100	431	431	120	100	100	431	431	120	100	100	431	431
418B 82 79	300	124	65	65	431	421	124	65	65	421	421	124	65	65	421	421
427B 82 79	300	123	65	65	421	421	123	65	65	421	421	123	60	60	421	421
433B 82 79	300	123	60	60	421	421	123	60	60	421	421	123	55	55	421	421
442B 82 79	300	124	60	60	431	421	124	60	60	431	421	124	60	60	431	431
451B 82 79	300	120	90	90	431	431	120	90	90	431	431	120	90	90	431	431

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	409B 82 79	82	7/16	65	103	103	1/4 X11	1/4	0	5010	5210	1212
	418B 82 79	82	7/16	45	102	102	1/4 X 9	1/4	0	1611	5210	1111
	427B 82 79	82	7/16	42	102	102	0 X 0	1/4	0	5110	1111	5210
	433B 82 79	82	7/16	42	102	102	0 X 0	1/4	0	5210	1111	5110
2	442B 82 79	82	7/16	42	102	103	1/4 X10	1/4	0	7240	5210	4530
	451B 82 79	82	7/16	60	103	103	1/4 X11	1/4	0	1212	5210	5010

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	409B 82 79	81	7/16	65	103	103	1/4 X11	1/4	0	5010	5210	1212
	418B 82 79	81	7/16	45	103	102	1/4 X10	1/4	0	1611	5210	1111
	427B 82 79	81	7/16	42	102	102	0 X 0	1/4	0	5110	1111	5210
	433B 82 79	81	7/16	42	102	102	0 X 0	1/4	0	5210	1111	5110
2	442B 82 79	81	7/16	42	102	103	1/4 X10	1/4	0	7240	5210	4530
	451B 82 79	81	7/16	60	103	103	1/4 X11	1/4	0	1212	5210	5010

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
	409B 82 79	80	7/16	70	103	103	1/4 X12	1/4	0	5010	5210	1212
	418B 82 79	80	7/16	45	103	102	1/4 X10	1/4	0	1611	5210	1111
	427B 82 79	80	7/16	45	102	102	0 X 0	1/4	0	5110	1111	5210
	433B 82 79	80	7/16	42	102	102	1/4 X 8	1/4	0	5210	1111	5110
2	442B 82 79	80	7/16	42	103	103	1/4 X11	1/4	0	7240	5210	4530
	451B 82 79	80	7/16	65	103	103	1/4 X12	1/4	0	1212	5210	5010

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON UNIVERSITY OF NEW YORK

4-81-373

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

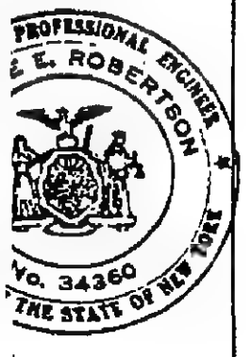
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
2008 82 80	210	123	100	100	441	441	523	100	100	0	0	122	100	100	441	441
4008 82 80	210	123	100	100	441	441	523	100	100	0	0	122	100	100	441	441

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2008 82 80	82	7/16	75	113	113	3/8 X16	1/4	0	1313	5010	5610
4008 82 80	82	7/16	75	113	113	3/8 X16	1/4	0	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2008 82 80	81	7/16	65	113	113	3/8 X16	1/4	0	1313	5010	5610
4008 82 80	81	7/16	70	113	113	3/8 X16	1/4	0	1313	5010	5610



4-81-374

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
106B 83 80	300	126	65	65	431	431	127	60	60	431	431	127	60	60	431	431
115B 83 80	300	129	55	55	431	431	129	55	55	431	431	129	55	55	431	431
124B 83 80	300	129	55	55	431	431	129	55	55	431	431	129	55	55	431	431
136B 83 80	300	129	60	60	431	431	129	60	60	431	431	129	60	60	431	431
145B 83 80	300	129	60	60	431	431	129	60	60	431	431	129	60	60	431	431
154B 83 80	300	127	65	65	431	431	127	65	65	431	431	126	65	65	431	431

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106B 83 80	83	7/16	45	103	103	1/4 X13	1/4	0	1311	5110	1411
115B 83 80	83	7/16	42	103	103	5/16X 9	5/16	0	5110	1411	5110
124B 83 80	83	7/16	42	103	103	5/16X 9	5/16	0	1411	5110	1411
136B 83 80	83	7/16	42	103	103	5/16X 9	5/16	0	1411	5110	1411
145B 83 80	83	7/16	42	103	103	5/16X10	5/16	0	5110	1411	5110
154B 83 80	83	7/16	45	103	103	1/4 X14	1/4	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106B 83 80	82	7/16	42	103	103	1/4 X14	1/4	0	1311	5110	1411
115B 83 80	82	7/16	36	103	103	5/16X10	5/16	0	5110	1411	5110
124B 83 80	82	7/16	36	103	103	5/16X 9	5/16	0	1411	5110	1411
136B 83 80	82	7/16	42	103	103	5/16X10	5/16	0	1411	5110	1411
145B 83 80	82	7/16	42	103	103	5/16X10	5/16	0	5110	1411	5110
154B 83 80	82	7/16	45	103	103	1/4 X14	1/4	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106B 83 80	81	7/16	42	103	103	1/4 X14	1/4	0	1311	5110	1411
115B 83 80	81	7/16	42	103	103	5/16X10	5/16	0	5110	1411	5110
124B 83 80	81	7/16	42	103	103	5/16X 9	5/16	0	1411	5110	1411
136B 83 80	81	7/16	42	103	103	5/16X10	5/16	0	1411	5110	1411
145B 83 80	81	7/16	42	104	104	5/16X11	5/16	0	5110	1411	5110
154B 83 80	81	7/16	45	103	103	1/4 X15	1/4	0	1411	5110	1311

PROFESSIONAL ENGINEER — JOSE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

4-81-375

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

	PANEL NUMBER		PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
	2068	83 80	300	120	90	90	431	431	120	90	90	431	431	120	90	90	431	431
4	2158	83 80	300	122	75	75	424	431	123	70	70	424	431	123	65	65	424	431
	2248	83 80	300	123	60	60	421	421	123	60	60	421	421	123	60	60	421	421
	2368	83 80	300	123	65	65	421	421	123	65	65	421	421	123	65	65	421	421
4	2458	83 80	300	123	70	70	424	431	123	70	70	424	431	122	80	80	424	431
	2548	83 80	300	120	90	90	431	431	120	90	90	431	431	120	100	100	431	431

	PANEL NUMBER		FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	2068	83 80	83	7/16	60	103	103	1/4 X11	1/4	0	5110	1212	5110
	2158	83 80	83	7/16	50	103	102	1/4 X11	1/4	0	1212	5510	5110
2	2248	83 80	83	7/16	42	102	102	0 X 0	1/4	0	4120	5110	1111
	2368	83 80	83	7/16	42	102	102	0 X 0	1/4	0	1111	5110	1111
	2458	83 80	83	7/16	55	102	102	1/4 X10	1/4	0	5110	5310	1212
	2548	83 80	83	7/16	60	103	103	1/4 X10	1/4	0	5110	1212	5110

	PANEL NUMBER		FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	2068	83 80	82	7/16	65	103	103	1/4 X11	1/4	0	5110	1212	5110
	2158	83 80	82	7/16	46	103	102	1/4 X11	1/4	0	1212	5510	5110
2	2248	83 80	82	7/16	42	102	102	0 X 0	1/4	0	4110	5110	1111
	2368	83 80	82	7/16	42	102	102	0 X 0	1/4	0	1111	5110	1111
	2458	83 80	82	7/16	50	102	103	1/4 X10	1/4	0	5110	5310	1212
	2548	83 80	82	7/16	65	103	103	1/4 X11	1/4	0	5110	1212	5110

	PANEL NUMBER		FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	2068	83 80	81	7/16	65	103	103	1/4 X12	1/4	0	5110	1212	5110
	2158	83 80	81	7/16	50	103	103	1/4 X11	1/4	0	1212	5510	5110
2	2248	83 80	81	7/16	42	102	102	1/4 X 8	1/4	0	4110	5110	1111
	2368	83 80	81	7/16	42	102	102	0 X 0	1/4	0	1111	5110	1111
	2458	83 80	81	7/16	50	102	103	1/4 X11	1/4	0	5110	5310	1212
	2548	83 80	81	7/16	65	103	103	1/4 X11	1/4	0	5110	1212	5110

LESLIE E. ROBERTSON — No. 34960 — REGISTERED PROFESSIONAL ENGINEER — STATE OF NEW YORK

4-81-376

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

PANEL NUMBER		PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
306B	83 80	300	126	65	65	431	431	127	65	65	431	431	127	60	60	431	431
315B	83 80	300	129	55	55	431	431	129	55	55	431	431	129	55	55	431	431
324B	83 80	300	129	55	55	431	431	129	55	55	431	431	129	55	55	431	431
336B	83 80	300	129	55	55	431	431	129	55	55	431	431	129	55	55	431	431
345B	83 80	300	129	60	60	431	431	129	60	60	431	431	129	60	60	431	431
354B	83 80	300	127	65	65	431	431	127	65	65	431	431	126	70	70	431	431

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306B	83 80	83	7/16	45	103	103	1/4 X13	1/4	0	1311	5110	1411
315B	83 80	83	7/16	42	103	103	5/16X 9	5/16	0	5110	1411	5110
324B	83 80	83	7/16	36	103	103	5/16X 8	5/16	0	1411	5110	1411
336B	83 80	83	7/16	36	103	103	5/16X 9	5/16	0	1411	5110	1411
345B	83 80	83	7/16	42	103	103	5/16X10	5/16	0	5110	1411	5110
354B	83 80	83	7/16	46	103	103	1/4 X13	1/4	0	1411	5110	1311

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306B	83 80	82	7/16	42	103	103	1/4 X13	1/4	0	1311	5110	1411
315B	83 80	82	7/16	36	103	103	5/16X 9	5/16	0	5110	1411	5110
324B	83 80	82	7/16	36	103	103	5/16X 9	5/16	0	1411	5110	1411
336B	83 80	82	7/16	42	103	103	5/16X10	5/16	0	1411	5110	1411
345B	83 80	82	7/16	42	103	103	5/16X10	5/16	0	5110	1411	5110
354B	83 80	82	7/16	45	103	103	1/4 X14	1/4	0	1411	5110	1311

PANEL NUMBER		FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306B	83 80	81	7/16	42	103	103	1/4 X13	1/4	0	1311	5110	1411
315B	83 80	81	7/16	36	103	103	5/16X10	5/16	0	5110	1411	5110
324B	83 80	81	7/16	36	103	103	5/16X 9	5/16	0	1411	5110	1411
336B	83 80	81	7/16	42	103	103	5/16X10	5/16	0	1411	5110	1411
345B	83 80	81	7/16	42	104	104	5/16X11	5/16	0	5110	1411	5110
354B	83 80	81	7/16	45	103	103	1/4 X15	1/4	0	1411	5110	1311

REGISTERED PROFESSIONAL ENGINEER — LIE E. ROBERTSON — No. 34360 — THE STATE OF NEW YORK

4-81-377

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

	PANEL NUMBER		PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
	406B	83 80	300	120	100	100	431	431	120	100	100	431	431	120	100	100	431	431
4	415B	83 80	300	122	80	80	424	431	123	75	75	421	431	123	70	70	421	431
4	424B	83 80	300	123	65	65	421	421	123	65	65	414	421	123	65	65	414	421
	436B	83 80	300	123	60	60	421	421	123	60	60	421	421	123	60	60	421	421
4	445B	83 80	300	123	65	65	424	431	123	65	65	424	431	122	75	75	424	431
	454B	83 80	300	120	90	90	431	431	120	90	90	431	431	120	90	90	431	431

	PANEL NUMBER		FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	406B	83 80	83	7/16	65	103	103	1/4 X11	1/4	0	5110	1212	5110
	415B	83 80	83	7/16	55	102	102	1/4 X10	1/4	0	1212	5510	5110
	424B	83 80	83	7/16	45	102	102	0 X 0	1/4	0	1111	5110	1111
2	436B	83 80	83	7/16	42	102	102	0 X 0	1/4	0	1111	5110	4120
	445B	83 80	83	7/16	50	102	103	1/4 X11	1/4	0	5110	5310	1212
	454B	83 80	83	7/16	60	103	103	1/4 X11	1/4	0	5110	1212	5110

	PANEL NUMBER		FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	406B	83 80	82	7/16	65	103	103	1/4 X11	1/4	0	5110	1212	5110
	415B	83 80	82	7/16	50	103	102	1/4 X11	1/4	0	1212	5510	5110
	424B	83 80	82	7/16	42	102	102	0 X 0	1/4	0	1111	5110	1111
	436B	83 80	82	7/16	42	102	102	1/4 X 8	1/4	0	1111	5110	4110
	445B	83 80	82	7/16	46	103	103	1/4 X11	1/4	0	5110	5310	1212
	454B	83 80	82	7/16	60	103	103	1/4 X11	1/4	0	5110	1212	5110

REGISTERED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

	PANEL NUMBER		FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	406B	83 80	81	7/16	70	103	103	1/4 X12	1/4	0	5110	1212	5110
	415B	83 80	81	7/16	55	103	103	1/4 X11	1/4	0	1212	5510	5110
	424B	83 80	81	7/16	45	102	102	1/4 X 8	1/4	0	1111	5110	1111
2	436B	83 80	81	7/16	42	102	102	1/4 X 8	1/4	0	1111	5110	4110
	445B	83 80	81	7/16	50	103	103	1/4 X12	1/4	0	5110	5310	1212
	454B	83 80	81	7/16	65	103	103	1/4 X12	1/4	0	5110	1212	5110

4-B1-378

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

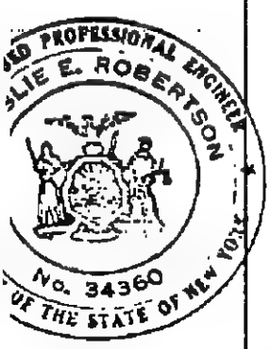
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
1008 83 81	210	121	100	100	441	441	523	100	100	0	0	123	90	90	441	441
3008 83 81	210	121	100	100	441	441	523	100	100	0	0	123	90	90	441	441

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
1008 83 81	83	7/16	70	112	112	5/16X16	1/4	0	5410	5010	1313
3008 83 81	83	7/16	70	112	112	5/16X16	1/4	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100B 83 81	82	7/16	70	112	112	5/16X16	1/4	0	5410	5010	1313
300B 83 81	82	7/16	75	112	112	5/16X16	1/4	0	5410	5010	1313



4-81-379

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
103B 84 81	300	122	90	90	431	431	123	75	75	431	431	124	70	70	431	431
112B 84 81	300	129	55	55	431	431	129	55	55	431	431	129	55	55	431	431
121B 84 81	300	129	55	55	431	431	129	55	55	431	431	129	55	55	431	431
130B 84 81	300	129	60	60	431	431	129	60	60	431	431	129	60	60	431	431
139B 84 81	300	129	60	60	431	431	129	60	60	431	431	129	60	60	431	431
148B 84 81	300	129	60	60	431	431	129	60	60	431	431	129	60	60	431	431
157B 84 81	300	124	70	70	431	431	123	80	80	431	431	122	100	100	431	431

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103B 84 81	84	3/8	70	112	103	1/4 X14	1/4	0	5110	1311	5210
112B 84 81	84	3/8	42	103	103	5/16X 9	5/16	0	1511	5210	1411
121B 84 81	84	3/8	42	103	103	5/16X 9	5/16	0	5210	1411	5210
130B 84 81	84	3/8	42	103	103	5/16X 8	5/16	0	1411	5210	1411
139B 84 81	84	3/8	42	103	103	5/16X 9	5/16	0	5210	1411	5210
148B 84 81	84	3/8	42	103	103	5/16X 9	5/16	0	1411	5210	1511
157B 84 81	84	3/8	75	103	112	1/4 X15	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103B 84 81	83	7/16	75	112	103	1/4 X15	1/4	0	5110	1311	5210
112B 84 81	83	7/16	42	103	103	5/16X 9	5/16	0	1511	5210	1411
121B 84 81	83	7/16	42	103	103	5/16X 9	5/16	0	5210	1411	5210
130B 84 81	83	7/16	42	103	103	5/16X 9	5/16	0	1411	5210	1411
139B 84 81	83	7/16	42	103	103	5/16X10	5/16	0	5210	1411	5210
148B 84 81	83	7/16	42	103	103	5/16X10	5/16	0	1411	5210	1511
157B 84 81	83	7/16	75	103	112	1/4 X16	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103B 84 81	82	7/16	65	112	103	1/4 X16	1/4	0	5110	1311	5210
112B 84 81	82	7/16	36	103	103	5/16X10	5/16	0	1511	5210	1411
121B 84 81	82	7/16	36	103	103	5/16X 9	5/16	0	5210	1411	5210
130B 84 81	82	7/16	42	103	103	5/16X 9	5/16	0	1411	5210	1411
139B 84 81	82	7/16	42	103	103	5/16X10	5/16	0	5210	1411	5210
148B 84 81	82	7/16	42	103	103	5/16X10	5/16	0	1411	5210	1511
157B 84 81	82	7/16	70	103	113	5/16X16	1/4	0	5210	1311	5110

PROFESSIONAL ENGINEER — E. E. ROBERTSON — No. 34360 — THE STATE OF NEW YORK

4-81-380

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — **Structural & Civil Engineers**

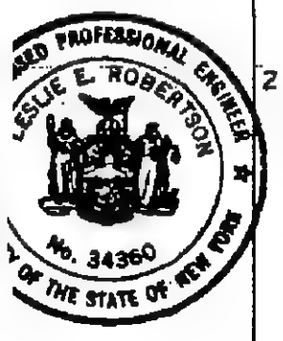
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

DIVISIONS

	PANEL NUMBER		PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
	203B	84 81	300	120	100	100	431	441	120	90	90	431	431	120	90	90	431	431
4	212B	84 81	300	120	85	85	424	431	120	85	85	424	431	121	85	85	424	431
	221B	84 81	300	124	60	60	421	421	123	60	60	421	421	123	60	60	421	421
	230B	84 81	300	123	60	60	411	421	123	60	60	411	421	123	60	60	411	421
	239B	84 81	300	123	65	65	421	421	123	65	65	421	421	124	65	65	421	421
4	248B	84 81	300	121	85	85	424	431	120	90	90	424	431	120	90	90	424	431
4	257B	84 81	300	120	90	90	424	431	120	90	90	424	431	120	100	100	431	441

	PANEL NUMBER		FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	203B	84 81	84	3/8	75	112	103	1/4 X13	1/4	0	1013	5210	5010
	212B	84 81	84	3/8	60	103	102	1/4 X10	1/4	0	5210	5010	5210
	221B	84 81	84	3/8	42	102	102	1/4 X 8	1/4	0	5210	1111	5210
	230B	84 81	84	3/8	42	102	101	0 X 0	1/4	0	1111	5210	1111
	239B	84 81	84	3/8	45	102	102	0 X 0	1/4	0	5210	1111	5210
	248B	84 81	84	3/8	60	102	102	1/4 X 9	1/4	0	5210	5010	5210
	257B	84 81	84	3/8	75	103	112	1/4 X12	1/4	0	5010	5210	1013

	PANEL NUMBER		FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	203B	84 81	83	7/16	80	112	103	1/4 X13	1/4	0	1013	5210	5010
	212B	84 81	83	7/16	60	103	103	1/4 X10	1/4	0	5210	5010	5210
2	221B	84 81	83	7/16	42	102	102	1/4 X 8	1/4	0	5210	4120	5210
	230B	84 81	83	7/16	42	102	102	0 X 0	1/4	0	1111	5210	1111
	239B	84 81	83	7/16	45	102	102	1/4 X 8	1/4	0	5210	1111	5210
	248B	84 81	83	7/16	60	102	103	1/4 X 9	1/4	0	5210	5010	5210
	257B	84 81	83	7/16	80	103	112	1/4 X12	1/4	0	5010	5210	1013



	PANEL NUMBER		FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	203B	84 81	82	7/16	80	113	103	1/4 X14	1/4	0	1013	5210	5010
	212B	84 81	82	7/16	60	103	103	1/4 X10	1/4	0	5210	5010	5210
2	221B	84 81	82	7/16	42	102	102	1/4 X 8	1/4	0	5210	7240	5210
	230B	84 81	82	7/16	42	102	102	0 X 0	1/4	0	1111	5210	1111
	239B	84 81	82	7/16	45	102	102	1/4 X 8	1/4	0	5210	1111	5210
	248B	84 81	82	7/16	60	103	103	1/4 X10	1/4	0	5210	5010	5210
	257B	84 81	82	7/16	80	103	112	1/4 X13	1/4	0	5010	5210	1013

4-81-381

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
303B	84	81	300	122	100	100	431	431	123	75	75	431	431	124	70	70	431	431
312B	84	81	300	129	55	55	431	431	129	55	55	431	431	129	55	55	431	431
321B	84	81	300	129	55	55	431	431	129	55	55	431	431	129	55	55	431	431
330B	84	81	300	129	55	55	421	431	129	55	55	421	431	129	55	55	431	431
339B	84	81	300	129	55	55	431	431	129	60	60	431	431	129	60	60	431	431
348B	84	81	300	129	60	60	431	431	129	60	60	431	431	129	60	60	431	431
357B	84	81	300	124	75	75	431	431	123	80	80	431	431	122	100	100	431	431

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
303B	84	81	84	3/8	70	112	103	1/4 X14	1/4	0	5110	1311	5210
312B	84	81	84	3/8	42	103	103	5/16X 9	5/16	0	1511	5210	1411
321B	84	81	84	3/8	36	103	103	5/16X 8	5/16	0	5210	1411	5210
330B	84	81	84	3/8	36	103	103	5/16X 8	5/16	0	1411	5210	1411
339B	84	81	84	3/8	42	103	103	5/16X 9	5/16	0	5210	1411	5210
348B	84	81	84	3/8	42	103	103	5/16X 9	5/16	0	1411	5210	1511
357B	84	81	84	3/8	75	103	112	1/4 X15	1/4	0	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
303B	84	81	83	7/16	75	112	103	1/4 X14	1/4	0	5110	1311	5210
312B	84	81	83	7/16	42	103	103	5/16X 9	5/16	0	1511	5210	1411
321B	84	81	83	7/16	42	103	103	5/16X 9	5/16	0	5210	1411	5210
330B	84	81	83	7/16	36	103	103	5/16X 8	5/16	0	1411	5210	1411
339B	84	81	83	7/16	36	103	103	5/16X 9	5/16	0	5210	1411	5210
348B	84	81	83	7/16	42	103	103	5/16X10	5/16	0	1411	5210	1511
357B	84	81	83	7/16	75	103	112	1/4 X15	1/4	0	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
303B	84	81	82	7/16	65	112	103	1/4 X15	1/4	0	5110	1311	5210
312B	84	81	82	7/16	36	103	103	5/16X 9	5/16	0	1511	5210	1411
321B	84	81	82	7/16	36	103	103	5/16X 9	5/16	0	5210	1411	5210
330B	84	81	82	7/16	36	103	103	5/16X 9	5/16	0	1411	5210	1411
339B	84	81	82	7/16	42	103	103	5/16X10	5/16	0	5210	1411	5210
348B	84	81	82	7/16	42	103	103	5/16X10	5/16	0	1411	5210	1511
357B	84	81	82	7/16	70	103	113	5/16X16	1/4	0	5210	1311	5110

PROFESSIONAL ENGINEER — JOSE E. ROBERTSON — No. 34360 — OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

DIVISIONS

	PANEL NUMBER		PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
	403B 84 81		300	120	100	100	431	441	120	100	100	431	431	120	100	100	431	431
4	412B 84 81		300	120	90	90	424	431	120	100	100	424	431	121	90	90	424	431
	421B 84 81		300	124	65	65	421	421	123	65	65	421	421	123	70	70	421	421
4	430B 84 81		300	123	60	60	411	421	123	60	60	411	421	123	60	60	414	421
	439B 84 81		300	123	60	60	421	421	123	60	60	421	421	124	60	60	421	431
4	448B 84 81		300	121	80	80	424	431	120	85	85	424	431	120	85	85	424	431
	457B 84 81		300	120	90	90	431	431	120	90	90	431	431	120	100	100	431	441

	PANEL NUMBER		FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	403B 84	81	84	3/8	80	112	103	1/4 X12	1/4	0	1013	5210	5010
	412B 84	81	84	3/8	60	103	102	1/4 X 9	1/4	0	5210	5010	5210
	421B 84	81	84	3/8	46	102	102	1/4 X 8	1/4	0	5210	1111	5210
	430B 84	81	84	3/8	42	101	102	0 X 0	1/4	0	1111	5210	1111
	439B 84	81	84	3/8	42	102	102	1/4 X 8	1/4	0	5210	1111	5210
	448B 84	81	84	3/8	55	102	103	1/4 X 9	1/4	0	5210	5010	5210
	457B 84	81	84	3/8	75	103	112	1/4 X12	1/4	0	5010	5210	1013

	PANEL NUMBER		FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	403B 84	81	83	7/16	80	112	103	1/4 X13	1/4	0	1013	5210	5010
	412B 84	81	83	7/16	60	103	102	1/4 X10	1/4	0	5210	5010	5210
	421B 84	81	83	7/16	45	102	102	1/4 X 8	1/4	0	5210	1111	5210
	430B 84	81	83	7/16	42	101	102	0 X 0	1/4	0	1111	5210	1111
2	439B 84	81	83	7/16	42	102	102	1/4 X 8	1/4	0	5210	4120	5210
	448B 84	81	83	7/16	60	103	103	1/4 X10	1/4	0	5210	5010	5210
	457B 84	81	83	7/16	75	103	112	1/4 X13	1/4	0	5010	5210	1013

	PANEL NUMBER		FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	403B 84	81	82	7/16	85	113	103	1/4 X14	1/4	0	1013	5210	5010
	412B 84	81	82	7/16	65	103	103	1/4 X10	1/4	0	5210	5010	5210
	421B 84	81	82	7/16	45	102	102	1/4 X 8	1/4	0	5210	1111	5210
	430B 84	81	82	7/16	42	102	102	0 X 0	1/4	0	1111	5210	1111
2	439B 84	81	82	7/16	42	102	102	1/4 X 9	1/4	0	5210	7240	5210
	448B 84	81	82	7/16	60	103	103	1/4 X10	1/4	0	5210	5010	5210
	457B 84	81	82	7/16	80	103	112	1/4 X13	1/4	0	5010	5210	1013

REGISTERED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34860 STATE OF NEW YORK

4-81-383

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

DIVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
2008	84	82	210	123	100	100	441	441	523	100	100	0	0	121	100	100	441	441
4008	84	82	210	123	100	100	441	441	523	100	100	0	0	121	100	100	441	441

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2008	84	82	84	3/8	70	112	112	5/16X16	1/4	0	1313	5010	5610
4008	84	82	84	3/8	75	112	112	5/16X16	1/4	0	1313	5010	5610

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2008	84	82	83	7/16	70	112	112	5/16X16	1/4	0	1313	5010	5610
4008	84	82	83	7/16	75	112	112	5/16X16	1/4	0	1313	5010	5610

PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

4-81-384

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
109B	85	82	300	127	60	60	431	431	128	60	60	431	431	128	55	55	431	431
118B	85	82	300	128	60	60	431	431	128	60	60	431	431	128	60	60	431	431
127B	85	82	300	128	60	60	421	431	128	60	60	421	431	128	60	60	421	431
133B	85	82	300	129	60	60	431	431	129	60	60	431	431	129	60	60	431	431
142B	85	82	300	129	60	60	431	431	128	60	60	431	431	128	60	60	431	431
151B	85	82	300	128	60	60	431	431	128	60	60	431	431	127	65	65	431	431

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109B	85	82	85	3/8	42	103	103	1/4 X12	1/4	0	5210	1411	5210
118B	85	82	85	3/8	42	103	103	1/4 X12	1/4	0	1411	5210	1411
127B	85	82	85	3/8	42	103	103	1/4 X11	1/4	0	5110	1411	5210
133B	85	82	85	3/8	42	103	103	5/16X 8	5/16	0	5210	1411	5110
142B	85	82	85	3/8	42	103	103	1/4 X13	1/4	0	1411	5210	1411
151B	85	82	85	3/8	42	103	103	1/4 X13	1/4	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109B	85	82	84	3/8	42	103	103	1/4 X13	1/4	0	5210	1411	5210
118B	85	82	84	3/8	42	103	103	1/4 X13	1/4	0	1411	5210	1411
127B	85	82	84	3/8	42	103	103	1/4 X11	1/4	0	5110	1411	5210
133B	85	82	84	3/8	42	103	103	5/16X 9	5/16	0	5210	1411	5110
142B	85	82	84	3/8	42	103	103	1/4 X14	1/4	0	1411	5210	1411
151B	85	82	84	3/8	42	103	103	1/4 X13	1/4	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109B	85	82	83	7/16	42	103	103	1/4 X13	1/4	0	5210	1411	5210
118B	85	82	83	7/16	42	103	103	1/4 X13	1/4	0	1411	5210	1411
127B	85	82	83	7/16	42	103	103	1/4 X12	1/4	0	5110	1411	5210
133B	85	82	83	7/16	42	103	103	5/16X 9	5/16	0	5210	1411	5110
142B	85	82	83	7/16	42	103	103	1/4 X15	1/4	0	1411	5210	1411
151B	85	82	83	7/16	42	103	103	1/4 X14	1/4	0	5210	1411	5210

REGISTERED PROFESSIONAL ENGINEER
ALLIE E. ROBERTSON
No. 34360
OF THE STATE OF NEW YORK

4-81-385

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

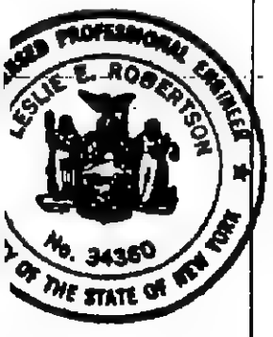
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

REVISIONS

	PANEL NUMBER		PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
4	209B	85 82	300	120	85	85	(424)	431	120	85	85	(424)	431	120	85	85	(424)	431
	218B	85 82	300	123	65	65	421	431	123	60	60	421	421	123	60	60	421	421
4	227B	85 82	300	122	60	60	(414)	421	122	60	60	411	421	122	60	60	411	421
4	233B	85 82	300	122	65	65	411	421	122	65	65	411	421	122	65	65	(414)	421
	242B	85 82	300	123	65	65	421	421	123	65	65	421	421	123	65	65	421	431
4	251B	85 82	300	120	85	85	(424)	431	120	90	90	(424)	431	120	90	90	(424)	431

	PANEL NUMBER		FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	209B	85 82	85	3/8	60	103	103	1/4 X10	1/4	0	5010	5210	1212
	218B	85 82	85	3/8	42	102	102	1/4 X 8	1/4	0	1611	5210	1111
	227B	85 82	85	3/8	42	102	101	0 X 0	1/4	0	5110	1111	5210
	233B	85 82	85	3/8	42	101	102	0 X 0	1/4	0	5210	1111	5110
	242B	85 82	85	3/8	42	102	102	1/4 X 8	1/4	0	1111	5210	1611
	251B	85 82	85	3/8	60	102	102	1/4 X 9	1/4	0	1212	5210	5010

	PANEL NUMBER		FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	209B	85 82	84	3/8	60	103	103	1/4 X10	1/4	0	5010	5210	1212
	218B	85 82	84	3/8	42	102	102	1/4 X 8	1/4	0	1611	5210	1111
	227B	85 82	84	3/8	42	102	102	1/4 X 7	1/4	0	5110	1111	5210
	233B	85 82	84	3/8	42	101	102	0 X 0	1/4	0	5210	1111	5110
	242B	85 82	84	3/8	45	102	102	1/4 X 8	1/4	0	1111	5210	1611
	251B	85 82	84	3/8	60	102	103	1/4 X 9	1/4	0	1212	5210	5010



	PANEL NUMBER		FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	209B	85 82	83	7/16	60	103	103	1/4 X11	1/4	0	5010	5210	1212
2	218B	85 82	83	7/16	42	102	102	1/4 X 9	1/4	0	4510	5210	4120
	227B	85 82	83	7/16	42	102	102	1/4 X 7	1/4	0	5110	1111	5210
	233B	85 82	83	7/16	45	102	102	1/4 X 7	1/4	0	5210	1111	5110
	242B	85 82	83	7/16	45	102	102	1/4 X 9	1/4	0	1111	5210	1611
	251B	85 82	83	7/16	60	103	103	1/4 X10	1/4	0	1212	5210	5010

4-81-386

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
309B 85 82	300	127	60	60	431	431	128	60	60	431	431	128	55	55	431	431
318B 85 82	300	128	55	55	431	431	128	55	55	431	431	128	55	55	431	431
327B 85 82	300	128	55	55	421	431	128	55	55	421	431	128	55	55	421	431
333B 85 82	300	129	55	55	431	431	129	55	55	431	431	129	55	55	431	431
342B 85 82	300	129	60	60	431	431	128	60	60	431	431	128	60	60	431	431
351B 85 82	300	128	60	60	431	431	128	60	60	431	431	127	65	65	431	431

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
309B 85 82	85	3/8	42	103	103	1/4 X12	1/4	0	5210	1411	5210
318B 85 82	85	3/8	42	103	103	1/4 X12	1/4	0	1411	5210	1411
327B 85 82	85	3/8	36	102	102	1/4 X10	1/4	0	5110	1411	5210
333B 85 82	85	3/8	36	103	103	5/16X 8	5/16	0	5210	1411	5110
342B 85 82	85	3/8	42	103	103	1/4 X13	1/4	0	1411	5210	1411
351B 85 82	85	3/8	42	103	103	1/4 X13	1/4	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
309B 85 82	84	3/8	42	103	103	1/4 X12	1/4	0	5210	1411	5210
318B 85 82	84	3/8	36	103	103	1/4 X12	1/4	0	1411	5210	1411
327B 85 82	84	3/8	36	103	103	1/4 X11	1/4	0	5110	1411	5210
333B 85 82	84	3/8	42	103	103	5/16X 9	5/16	0	5210	1411	5110
342B 85 82	84	3/8	42	103	103	1/4 X14	1/4	0	1411	5210	1411
351B 85 82	84	3/8	42	103	103	1/4 X13	1/4	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
309B 85 82	83	7/16	42	103	103	1/4 X13	1/4	0	5210	1411	5210
318B 85 82	83	7/16	42	103	103	1/4 X13	1/4	0	1411	5210	1411
327B 85 82	83	7/16	36	103	103	1/4 X11	1/4	0	5110	1411	5210
333B 85 82	83	7/16	36	103	103	5/16X 9	5/16	0	5210	1411	5110
342B 85 82	83	7/16	42	103	103	1/4 X14	1/4	0	1411	5210	1411
351B 85 82	83	7/16	42	103	103	1/4 X14	1/4	0	5210	1411	5210

PROFESSIONAL ENGINEER — E. ROBERTSON — No. 34360 — OF THE STATE OF NEW YORK

4-B1-387

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 5-14-69

	PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
4	4098	85	82	300	120	90	90	424	431	120	90	90	424	431	120	90	90	424	431
	4188	85	82	300	123	65	65	421	431	123	65	65	421	421	123	65	65	421	421
4	4278	85	82	300	122	65	65	414	421	122	65	65	411	421	122	65	65	411	421
4	4338	85	82	300	122	60	60	414	421	122	60	60	414	421	122	60	60	414	421
	4428	85	82	300	123	60	60	421	431	123	60	60	421	431	123	60	60	421	431
4	4518	85	82	300	120	85	85	424	431	120	85	85	424	431	120	85	85	424	431

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
4098	85	82	85	3/8	60	103	102	1/4 X 9	1/4	0	5010	5210	1212
4188	85	82	85	3/8	45	102	102	1/4 X 8	1/4	0	1611	5210	1111
4278	85	82	85	3/8	42	102	101	0 X 0	1/4	0	5110	1111	5210
4338	85	82	85	3/8	42	102	102	1/4 X 7	1/4	0	5210	1111	5110
4428	85	82	85	3/8	42	102	102	1/4 X 8	1/4	0	1111	5210	1611
4518	85	82	85	3/8	55	102	103	1/4 X10	1/4	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
4098	85	82	84	3/8	60	103	103	1/4 X10	1/4	0	5010	5210	1212
4188	85	82	84	3/8	45	102	102	1/4 X 8	1/4	0	1611	5210	1111
4278	85	82	84	3/8	45	102	101	1/4 X 7	1/4	0	5110	1111	5210
4338	85	82	84	3/8	42	102	102	1/4 X 7	1/4	0	5210	1111	5110
4428	85	82	84	3/8	42	102	102	1/4 X 9	1/4	0	1111	5210	1611
4518	85	82	84	3/8	60	103	103	1/4 X10	1/4	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
4098	85	82	83	7/16	65	103	103	1/4 X10	1/4	0	5010	5210	1212
4188	85	82	83	7/16	45	102	102	1/4 X 8	1/4	0	1611	5210	1111
4278	85	82	83	7/16	45	102	101	1/4 X 7	1/4	0	5110	1111	5210
4338	85	82	83	7/16	42	102	102	1/4 X 8	1/4	0	5210	1111	5110
4428	85	82	83	7/16	42	102	102	1/4 X 9	1/4	0	4120	5210	4510
4518	85	82	83	7/16	60	103	103	1/4 X10	1/4	0	1212	5210	5010

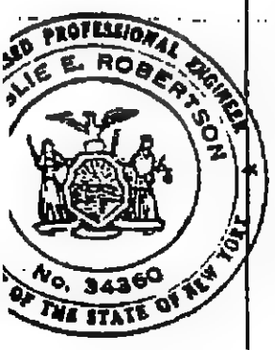
LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34960 — STATE OF NEW YORK

4-81-388

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
1008 85 83	210	121	100	100	431	441	522	100	100	0	0	122	100	100	431	441
3008 85 83	210	121	100	100	431	441	522	100	100	0	0	122	100	100	431	441

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
1008 85 83	85	3/8	75	112	112	1/4 X16	1/4	0	5410	5010	1313
3008 85 83	85	3/8	75	112	112	1/4 X15	1/4	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
1008 85 83	84	3/8	65	112	112	5/16X16	1/4	0	5410	5010	1313
3008 85 83	84	3/8	70	112	112	1/4 X16	1/4	0	5410	5010	1313



WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
106B 86 83	300	125	65	65	431	431	126	60	60	431	431	126	60	60	431	431
115B 86 83	300	128	60	60	431	431	128	60	60	431	431	128	60	60	431	431
124B 86 83	300	128	60	60	421	431	128	55	55	421	431	128	55	55	421	431
136B 86 83	300	128	60	60	431	431	128	60	60	431	431	128	60	60	431	431
145B 86 83	300	128	60	60	431	431	128	60	60	431	431	128	60	60	431	431
154B 86 83	300	126	65	65	431	431	126	65	65	431	431	125	65	65	431	431

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106B 86 83	86	3/8	45	103	103	1/4 X11	1/4	0	1311	5110	1411
115B 86 83	86	3/8	42	103	103	1/4 X12	1/4	0	5110	1411	5110
124B 86 83	86	3/8	42	103	102	1/4 X11	1/4	0	1411	5110	1411
136B 86 83	86	3/8	42	103	103	1/4 X12	1/4	0	1411	5110	1411
145B 86 83	86	3/8	42	103	103	1/4 X13	1/4	0	5110	1411	5110
154B 86 83	86	3/8	45	103	103	1/4 X12	1/4	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106B 86 83	85	3/8	42	103	103	1/4 X12	1/4	0	1311	5110	1411
115B 86 83	85	3/8	42	103	103	1/4 X12	1/4	0	5110	1411	5110
124B 86 83	85	3/8	42	103	103	1/4 X11	1/4	0	1411	5110	1411
136B 86 83	85	3/8	42	103	103	1/4 X13	1/4	0	1411	5110	1411
145B 86 83	85	3/8	42	103	103	1/4 X13	1/4	0	5110	1411	5110
154B 86 83	85	3/8	45	103	103	1/4 X12	1/4	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106B 86 83	84	3/8	42	103	103	1/4 X12	1/4	0	1311	5110	1411
115B 86 83	84	3/8	42	103	103	1/4 X13	1/4	0	5110	1411	5110
124B 86 83	84	3/8	42	103	103	1/4 X12	1/4	0	1411	5110	1411
136B 86 83	84	3/8	42	103	103	1/4 X13	1/4	0	1411	5110	1411
145B 86 83	84	3/8	42	103	103	1/4 X14	1/4	0	5110	1411	5110
154B 86 83	84	3/8	45	103	103	1/4 X13	1/4	0	1411	5110	1311

PROFESSIONAL ENGINEER E. E. ROBERTSON NO. 34360 THE STATE OF NEW YORK

4-81-390

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

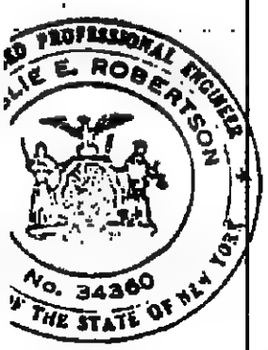
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
2068 86 83	300	120	85	85	421	431	120	85	85	421	431	120	85	85	421	431
2158 86 83	300	121	80	80	421	421	122	70	70	421	421	122	65	65	421	421
2248 86 83	300	122	65	65	411	421	122	65	65	411	421	122	60	60	411	421
2368 86 83	300	122	65	65	411	421	122	65	65	411	421	122	70	70	411	421
2458 86 83	300	122	70	70	421	421	122	75	75	421	421	121	80	80	421	421
2548 86 83	300	120	85	85	421	431	120	85	85	421	431	120	85	85	421	431

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2068 86 83	86	3/8	55	103	102	1/4 X10	1/4	0	5110	1212	5110
2158 86 83	86	3/8	55	102	102	1/4 X 9	1/4	0	1212	5510	5110
2248 86 83	86	3/8	45	102	102	1/4 X 7	1/4	0	1111	5110	1111
2368 86 83	86	3/8	46	102	102	1/4 X 7	1/4	0	1111	5110	1111
2458 86 83	86	3/8	55	102	102	1/4 X 8	1/4	0	5110	5310	1212
2548 86 83	86	3/8	55	102	102	1/4 X 9	1/4	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2068 86 83	85	3/8	60	103	103	1/4 X10	1/4	0	5110	1212	5110
2158 86 83	85	3/8	50	102	102	1/4 X 9	1/4	0	1212	5510	5110
2248 86 83	85	3/8	42	102	102	1/4 X 8	1/4	0	1111	5110	1111
2368 86 83	85	3/8	45	102	102	1/4 X 7	1/4	0	1111	5110	1111
2458 86 83	85	3/8	50	102	102	1/4 X 9	1/4	0	5110	5310	1212
2548 86 83	85	3/8	60	102	103	1/4 X 9	1/4	0	5110	1212	5110



PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2068 86 83	84	3/8	60	103	103	1/4 X11	1/4	0	5110	1212	5110
2158 86 83	84	3/8	50	102	102	1/4 X10	1/4	0	1212	5510	5110
2248 86 83	84	3/8	42	102	102	1/4 X 8	1/4	0	1111	5110	1111
2368 86 83	84	3/8	45	102	102	1/4 X 8	1/4	0	1111	5110	1111
2458 86 83	84	3/8	55	102	102	1/4 X 9	1/4	0	5110	5310	1212
2548 86 83	84	3/8	60	103	103	1/4 X10	1/4	0	5110	1212	5110

4-81-391

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
306B 86 83	300	125	65	65	421	431	126	65	65	421	431	126	60	60	431	431
315B 86 83	300	128	55	55	431	431	128	55	55	431	431	128	55	55	431	431
324B 86 83	300	128	55	55	421	431	128	55	55	421	431	128	55	55	421	431
336B 86 83	300	128	55	55	431	431	128	55	55	431	431	128	55	55	431	431
345B 86 83	300	128	60	60	431	431	128	60	60	431	431	128	60	60	431	431
354B 86 83	300	126	65	65	431	431	126	65	65	431	431	125	70	70	431	431

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306B 86 83	86	3/8	45	103	103	1/4 X11	1/4	0	1311	5110	1411
315B 86 83	86	3/8	42	103	103	1/4 X11	1/4	0	5110	1411	5110
324B 86 83	86	3/8	36	103	102	1/4 X11	1/4	0	1411	5110	1411
336B 86 83	86	3/8	36	103	103	1/4 X12	1/4	0	1411	5110	1411
345B 86 83	86	3/8	42	103	103	1/4 X13	1/4	0	5110	1411	5110
354B 86 83	86	3/8	46	103	103	1/4 X11	1/4	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306B 86 83	85	3/8	42	103	103	1/4 X11	1/4	0	1311	5110	1411
315B 86 83	85	3/8	42	103	103	1/4 X12	1/4	0	5110	1411	5110
324B 86 83	85	3/8	36	103	102	1/4 X11	1/4	0	1411	5110	1411
336B 86 83	85	3/8	42	103	103	1/4 X12	1/4	0	1411	5110	1411
345B 86 83	85	3/8	42	103	103	1/4 X13	1/4	0	5110	1411	5110
354B 86 83	85	3/8	45	103	103	1/4 X12	1/4	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306B 86 83	84	3/8	42	103	103	1/4 X12	1/4	0	1311	5110	1411
315B 86 83	84	3/8	42	103	103	1/4 X12	1/4	0	5110	1411	5110
324B 86 83	84	3/8	36	103	103	1/4 X11	1/4	0	1411	5110	1411
336B 86 83	84	3/8	42	103	103	1/4 X13	1/4	0	1411	5110	1411
345B 86 83	84	3/8	42	103	103	1/4 X14	1/4	0	5110	1411	5110
354B 86 83	84	3/8	45	103	103	1/4 X13	1/4	0	1411	5110	1311

PROFESSIONAL ENGINEER E. E. ROBERTSON No. 34360 OF THE STATE OF NEW YORK

4-81-392

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

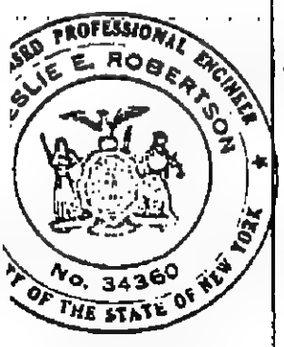
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
406B	86	83	300	120	90	90	421	431	120	90	90	421	421	120	90	90	421	431
415B	86	83	300	121	85	85	421	421	122	75	75	421	421	122	70	70	421	421
424B	86	83	300	122	70	70	411	421	122	70	70	411	411	122	70	70	411	411
436B	86	83	300	122	60	60	411	421	122	60	60	411	421	122	65	65	421	421
445B	86	83	300	122	65	65	421	421	122	70	70	421	421	121	80	80	421	421
454B	86	83	300	120	85	85	421	431	120	85	85	421	431	120	85	85	421	431

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406B	86	83	86	3/8	60	103	102	1/4 X 9	1/4	0	5110	1212	5110
415B	86	83	86	3/8	60	102	102	1/4 X 9	1/4	0	1212	5510	5110
424B	86	83	86	3/8	46	102	102	1/4 X 7	1/4	0	1111	5110	1111
436B	86	83	86	3/8	42	102	102	1/4 X 7	1/4	0	1111	5110	1111
445B	86	83	86	3/8	55	102	102	1/4 X 9	1/4	0	5110	5310	1212
454B	86	83	86	3/8	55	102	103	1/4 X 9	1/4	0	5110	1212	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406B	86	83	85	3/8	60	103	103	1/4 X10	1/4	0	5110	1212	5110
415B	86	83	85	3/8	55	102	102	1/4 X 9	1/4	0	1212	5510	5110
424B	86	83	85	3/8	45	102	102	1/4 X 7	1/4	0	1111	5110	1111
436B	86	83	85	3/8	42	102	102	1/4 X 8	1/4	0	1111	5110	1111
445B	86	83	85	3/8	50	102	102	1/4 X 9	1/4	0	5110	5310	1212
454B	86	83	85	3/8	60	103	103	1/4 X10	1/4	0	5110	1212	5110



PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406B	86	83	84	3/8	65	103	103	1/4 X10	1/4	0	5110	1212	5110
415B	86	83	84	3/8	55	102	102	1/4 X10	1/4	0	1212	5510	5110
424B	86	83	84	3/8	45	102	102	1/4 X 8	1/4	0	1111	5110	1111
436B	86	83	84	3/8	42	102	102	1/4 X 8	1/4	0	1111	5110	1111
445B	86	83	84	3/8	50	102	102	1/4 X10	1/4	0	5110	5310	1212
454B	86	83	84	3/8	60	103	103	1/4 X10	1/4	0	5110	1212	5110

4-81-393

VISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
200B	86	84	210	122	100	100	431	441	522	100	100	0	0	120	100	100	431	441
400B	86	84	210	122	100	100	431	441	522	100	100	0	0	120	100	100	431	441

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPAN FY4	SPAN SCL	SPAN SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
200B	86	84	86	3/8	75	112	112	1/4 X15	1/4	0	1313	5010	5610
400B	86	84	86	3/8	80	112	112	1/4 X14	1/4	0	1313	5010	5610

PANEL NUMBER			FLOOR	SPANDREL PLATE T4	SPAN FY4	SPAN SCL	SPAN SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
200B	86	84	85	3/8	80	112	112	1/4 X15	1/4	0	1313	5010	5610
400B	86	84	85	3/8	80	112	112	1/4 X15	1/4	0	1313	5010	5610

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

VISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
1038 87 84	300	121	100	100	431	431	122	80	80	421	431	123	70	70	421	431
1128 87 84	300	127	60	60	431	431	127	60	60	431	431	127	60	60	431	431
1218 87 84	300	127	60	60	421	431	127	60	60	421	431	127	60	60	421	431
1308 87 84	300	128	60	60	421	431	128	60	60	421	431	128	60	60	421	431
1398 87 84	300	128	60	60	431	431	128	60	60	431	431	128	60	60	431	431
1488 87 84	300	127	60	60	431	431	127	60	60	431	431	127	60	60	431	431
1578 87 84	300	123	75	75	431	431	122	85	85	431	431	121	100	100	431	431

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1038 87 84	87	3/8	75	112	103	1/4 X12	1/4	0	5110	1311	5210
1128 87 84	87	3/8	42	103	103	1/4 X11	1/4	0	1511	5210	1411
1218 87 84	87	3/8	42	103	102	1/4 X11	1/4	0	5210	1411	5210
1308 87 84	87	3/8	42	102	102	1/4 X10	1/4	0	1411	5210	1411
1398 87 84	87	3/8	42	103	103	1/4 X12	1/4	0	5210	1411	5210
1488 87 84	87	3/8	42	103	103	1/4 X12	1/4	0	1411	5210	1511
1578 87 84	87	3/8	80	103	112	1/4 X12	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1038 87 84	86	3/8	75	112	103	1/4 X12	1/4	0	5110	1311	5210
1128 87 84	86	3/8	42	103	103	1/4 X12	1/4	0	1511	5210	1411
1218 87 84	86	3/8	42	103	103	1/4 X11	1/4	0	5210	1411	5210
1308 87 84	86	3/8	42	102	103	1/4 X11	1/4	0	1411	5210	1411
1398 87 84	86	3/8	42	103	103	1/4 X13	1/4	0	5210	1411	5210
1488 87 84	86	3/8	42	103	103	1/4 X13	1/4	0	1411	5210	1511
1578 87 84	86	3/8	80	103	112	1/4 X13	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1038 87 84	85	3/8	70	112	103	1/4 X13	1/4	0	5110	1311	5210
1128 87 84	85	3/8	42	103	103	1/4 X12	1/4	0	1511	5210	1411
1218 87 84	85	3/8	42	103	103	1/4 X12	1/4	0	5210	1411	5210
1308 87 84	85	3/8	42	103	103	1/4 X11	1/4	0	1411	5210	1411
1398 87 84	85	3/8	42	103	103	1/4 X13	1/4	0	5210	1411	5210
1488 87 84	85	3/8	42	103	103	1/4 X13	1/4	0	1411	5210	1511
1578 87 84	85	3/8	75	103	112	1/4 X14	1/4	0	5210	1311	5110

LESLIE E. ROBERTSON — LICENSED PROFESSIONAL ENGINEER — No. 34360 — CITY OF THE STATE OF NEW YORK

4-81-395

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

SIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
2038	87	84	300	120	100	100	431	431	120	85	85	421	431	120	85	85	421	431
2128	87	84	300	120	80	80	421	421	120	80	80	421	421	120	80	80	421	421
2218	87	84	300	123	60	60	421	421	122	60	60	411	421	122	65	65	411	421
2308	87	84	300	122	60	60	411	411	122	65	65	411	411	122	65	65	411	411
2398	87	84	300	122	70	70	411	421	122	65	65	411	421	123	65	65	421	421
2488	87	84	300	120	85	85	421	421	120	85	85	421	421	120	85	85	421	421
2578	87	84	300	120	85	85	421	421	120	85	85	421	421	120	100	100	431	431

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2038	87	84	87	3/8	70	112	103	1/4 X11	1/4	0	1013	5210	5010
2128	87	84	87	3/8	55	102	102	1/4 X 8	1/4	0	5210	5010	5210
2218	87	84	87	3/8	45	102	102	1/4 X 8	1/4	0	5210	1111	5210
2308	87	84	87	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1111
2398	87	84	87	3/8	46	102	102	1/4 X 7	1/4	0	5210	1111	5210
2488	87	84	87	3/8	55	102	102	1/4 X 8	1/4	0	5210	5010	5210
2578	87	84	87	3/8	70	102	112	1/4 X10	1/4	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2038	87	84	86	3/8	70	112	103	1/4 X11	1/4	0	1013	5210	5010
2128	87	84	86	3/8	55	102	102	1/4 X 9	1/4	0	5210	5010	5210
2218	87	84	86	3/8	42	102	102	1/4 X 8	1/4	0	5210	1111	5210
2308	87	84	86	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1111
2398	87	84	86	3/8	45	102	102	1/4 X 8	1/4	0	5210	1111	5210
2488	87	84	86	3/8	55	102	102	1/4 X 8	1/4	0	5210	5010	5210
2578	87	84	86	3/8	70	102	112	1/4 X11	1/4	0	5010	5210	1013

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2038	87	84	85	3/8	75	112	103	1/4 X12	1/4	0	1013	5210	5010
2128	87	84	85	3/8	55	103	102	1/4 X 9	1/4	0	5210	5010	5210
2218	87	84	85	3/8	42	102	102	1/4 X 8	1/4	0	5210	1111	5210
2308	87	84	85	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1111
2398	87	84	85	3/8	45	102	102	1/4 X 8	1/4	0	5210	1111	5210
2488	87	84	85	3/8	60	102	102	1/4 X 9	1/4	0	5210	5010	5210
2578	87	84	85	3/8	75	103	112	1/4 X11	1/4	0	5010	5210	1013

4-81-396

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
303B	87	84	300	121	100	100	431	431	122	80	80	421	431	123	70	70	421	431
312B	87	84	300	127	60	60	421	431	127	60	60	421	431	127	60	60	421	431
321B	87	84	300	127	55	55	421	431	127	55	55	421	431	127	55	55	421	431
330B	87	84	300	128	55	55	421	421	128	55	55	421	421	128	55	55	421	431
339B	87	84	300	128	55	55	431	431	128	60	60	431	431	128	60	60	431	431
348B	87	84	300	127	60	60	431	431	127	60	60	431	431	127	60	60	431	431
357B	87	84	300	123	75	75	421	431	122	85	85	421	431	121	100	100	431	431

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303B	87	84	87	3/8	75	112	103	1/4 X11	1/4	0	5110	1311	5210
312B	87	84	87	3/8	42	103	103	1/4 X11	1/4	0	1511	5210	1411
321B	87	84	87	3/8	42	102	102	1/4 X10	1/4	0	5210	1411	5210
330B	87	84	87	3/8	36	102	102	1/4 X10	1/4	0	1411	5210	1411
339B	87	84	87	3/8	42	103	103	1/4 X12	1/4	0	5210	1411	5210
348B	87	84	87	3/8	42	103	103	1/4 X12	1/4	0	1411	5210	1511
357B	87	84	87	3/8	80	103	112	1/4 X12	1/4	0	5210	1311	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303B	87	84	86	3/8	80	112	103	1/4 X12	1/4	0	5110	1311	5210
312B	87	84	86	3/8	42	103	103	1/4 X11	1/4	0	1511	5210	1411
321B	87	84	86	3/8	36	103	103	1/4 X11	1/4	0	5210	1411	5210
330B	87	84	86	3/8	42	102	103	1/4 X11	1/4	0	1411	5210	1411
339B	87	84	86	3/8	42	103	103	1/4 X12	1/4	0	5210	1411	5210
348B	87	84	86	3/8	42	103	103	1/4 X12	1/4	0	1411	5210	1511
357B	87	84	86	3/8	80	103	112	1/4 X13	1/4	0	5210	1311	5110

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303B	87	84	85	3/8	70	112	103	1/4 X12	1/4	0	5110	1311	5210
312B	87	84	85	3/8	42	103	103	1/4 X12	1/4	0	1511	5210	1411
321B	87	84	85	3/8	42	103	103	1/4 X11	1/4	0	5210	1411	5210
330B	87	84	85	3/8	36	102	103	1/4 X11	1/4	0	1411	5210	1411
339B	87	84	85	3/8	42	103	103	1/4 X13	1/4	0	5210	1411	5210
348B	87	84	85	3/8	42	103	103	1/4 X13	1/4	0	1411	5210	1511
357B	87	84	85	3/8	75	103	112	1/4 X13	1/4	0	5210	1311	5110

4-81-397

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
403B	87	84	300	120	100	100	431	431	120	90	90	421	431	120	90	90	421	431
412B	87	84	300	120	85	85	421	421	120	85	85	421	421	120	85	85	421	421
421B	87	84	300	123	65	65	421	421	122	65	65	411	421	122	70	70	411	421
430B	87	84	300	122	65	65	411	411	122	65	65	411	411	122	60	60	411	411
439B	87	84	300	122	65	65	411	421	122	60	60	411	421	123	60	60	421	421
448B	87	84	300	120	80	80	421	421	120	80	80	421	421	120	80	80	421	421
457B	87	84	300	120	85	85	421	431	120	85	85	421	431	120	90	90	431	431

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403B	87	84	87	3/8	75	112	102	1/4 X11	1/4	0	1013	5210	5010
412B	87	84	87	3/8	55	102	102	1/4 X 8	1/4	0	5210	5010	5210
421B	87	84	87	3/8	46	102	102	1/4 X 7	1/4	0	5210	1111	5210
430B	87	84	87	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1111
439B	87	84	87	3/8	42	102	102	1/4 X 8	1/4	0	5210	1111	5210
448B	87	84	87	3/8	55	102	102	1/4 X 8	1/4	0	5210	5010	5210
457B	87	84	87	3/8	70	102	112	1/4 X11	1/4	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403B	87	84	86	3/8	75	112	103	1/4 X11	1/4	0	1013	5210	5010
412B	87	84	86	3/8	60	102	102	1/4 X 9	1/4	0	5210	5010	5210
421B	87	84	86	3/8	45	102	102	1/4 X 8	1/4	0	5210	1111	5210
430B	87	84	86	3/8	45	101	101	0 X 0	1/4	0	1111	5210	1111
439B	87	84	86	3/8	42	102	102	1/4 X 8	1/4	0	5210	1111	5210
448B	87	84	86	3/8	55	102	102	1/4 X 9	1/4	0	5210	5010	5210
457B	87	84	86	3/8	70	103	112	1/4 X11	1/4	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403B	87	84	85	3/8	75	112	103	1/4 X12	1/4	0	1013	5210	5010
412B	87	84	85	3/8	60	102	102	1/4 X 9	1/4	0	5210	5010	5210
421B	87	84	85	3/8	45	102	102	1/4 X 8	1/4	0	5210	1111	5210
430B	87	84	85	3/8	42	101	102	0 X 0	1/4	0	1111	5210	1111
439B	87	84	85	3/8	42	102	102	1/4 X 8	1/4	0	5210	1111	5210
448B	87	84	85	3/8	55	102	102	1/4 X 9	1/4	0	5210	5010	5210
457B	87	84	85	3/8	75	103	112	1/4 X12	1/4	0	5010	5210	1013

PROFESSIONAL ENGINEER — JIE E. ROBERTSON — No. 34360 — OF THE STATE OF NEW YORK

4-81-398

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

VISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
1008	87	85	210	120	100	100	431	431	522	100	100	0	0	122	100	100	431	431
3008	87	85	210	120	100	100	431	431	522	100	100	0	0	122	100	100	431	431

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
1008	87	85	87	3/8	70	112	112	1/4 X13	1/4	0	5410	5010	1313
3008	87	85	87	3/8	70	112	112	1/4 X13	1/4	0	5410	5010	1313

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
1008	87	85	86	3/8	75	112	112	1/4 X14	1/4	0	5410	5010	1313
3008	87	85	86	3/8	75	112	112	1/4 X13	1/4	0	5410	5010	1313

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-81-399

VISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
109B	88	85	300	126	60	60	421	431	126	60	60	421	431	127	60	60	421	431
118B	88	85	300	127	60	60	421	431	127	60	60	421	431	127	60	60	421	431
127B	88	85	300	127	60	60	421	421	127	60	60	421	421	127	60	60	421	421
133B	88	85	300	128	60	60	421	431	128	60	60	421	431	128	60	60	421	431
142B	88	85	300	127	60	60	431	431	127	60	60	431	431	127	60	60	431	431
151B	88	85	300	127	60	60	431	431	126	65	65	431	431	126	65	65	431	431

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109B	88	85	88	3/8	42	103	103	1/4 X10	1/4	0	5210	1411	5210
118B	88	85	88	3/8	42	103	102	1/4 X10	1/4	0	1411	5210	1411
127B	88	85	88	3/8	42	102	102	1/4 X 9	1/4	0	5110	1411	5210
133B	88	85	88	3/8	42	102	102	1/4 X10	1/4	0	5210	1411	5110
142B	88	85	88	3/8	42	103	103	1/4 X11	1/4	0	1411	5210	1411
151B	88	85	88	3/8	42	103	103	1/4 X11	1/4	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109B	88	85	87	3/8	42	103	103	1/4 X11	1/4	0	5210	1411	5210
118B	88	85	87	3/8	42	103	103	1/4 X11	1/4	0	1411	5210	1411
127B	88	85	87	3/8	42	102	102	1/4 X10	1/4	0	5110	1411	5210
133B	88	85	87	3/8	42	102	103	1/4 X11	1/4	0	5210	1411	5110
142B	88	85	87	3/8	42	103	103	1/4 X12	1/4	0	1411	5210	1411
151B	88	85	87	3/8	45	103	103	1/4 X12	1/4	0	5210	1411	5210

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109B	88	85	86	3/8	42	103	103	1/4 X11	1/4	0	5210	1411	5210
118B	88	85	86	3/8	42	103	103	1/4 X11	1/4	0	1411	5210	1411
127B	88	85	86	3/8	42	102	102	1/4 X10	1/4	0	5110	1411	5210
133B	88	85	86	3/8	42	103	103	1/4 X12	1/4	0	5210	1411	5110
142B	88	85	86	3/8	42	103	103	1/4 X12	1/4	0	1411	5210	1411
151B	88	85	86	3/8	42	103	103	1/4 X12	1/4	0	5210	1411	5210

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

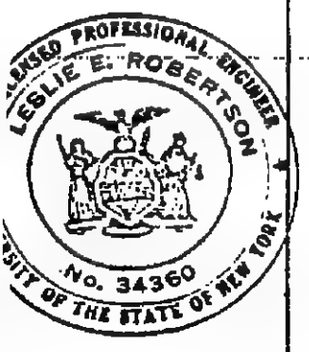
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
2098 88 85	300	120	80	80	421	421	120	80	80	421	421	120	80	80	421	421
2188 88 85	300	122	65	65	421	421	122	65	65	421	421	122	60	60	421	421
2278 88 85	300	121	60	60	411	411	121	60	60	411	411	121	60	60	411	411
2338 88 85	300	121	65	65	411	411	121	65	65	411	411	121	65	65	411	411
2428 88 85	300	122	65	65	411	421	122	65	65	411	421	122	65	65	421	421
2518 88 85	300	120	80	80	421	421	120	80	80	421	421	120	80	80	421	421

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2098 88 85	88	3/8	55	102	102	1/4 X 8	1/4	0	5010	5210	1212
2188 88 85	88	3/8	42	102	102	1/4 X 8	1/4	0	1611	5210	1111
2278 88 85	88	3/8	42	101	101	0 X 0	1/4	0	5110	1111	5210
2338 88 85	88	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5110
2428 88 85	88	3/8	42	102	102	1/4 X 8	1/4	0	1111	5210	1611
2518 88 85	88	3/8	55	102	102	1/4 X 8	1/4	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2098 88 85	87	3/8	55	102	102	1/4 X 9	1/4	0	5010	5210	1212
2188 88 85	87	3/8	42	102	102	1/4 X 8	1/4	0	1611	5210	1111
2278 88 85	87	3/8	42	102	101	0 X 0	1/4	0	5110	1111	5210
2338 88 85	87	3/8	45	101	101	0 X 0	1/4	0	5210	1111	5110
2428 88 85	87	3/8	45	102	102	1/4 X 8	1/4	0	1111	5210	1611
2518 88 85	87	3/8	55	102	102	1/4 X 8	1/4	0	1212	5210	5010



PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2098 88 85	86	3/8	55	102	102	1/4 X 9	1/4	0	5010	5210	1212
2188 88 85	86	3/8	42	102	102	1/4 X 9	1/4	0	1611	5210	1111
2278 88 85	86	3/8	42	102	101	0 X 0	1/4	0	5110	1111	5210
2338 88 85	86	3/8	45	101	102	0 X 0	1/4	0	5210	1111	5110
2428 88 85	86	3/8	45	102	102	1/4 X 8	1/4	0	1111	5210	1611
2518 88 85	86	3/8	55	102	102	1/4 X 9	1/4	0	1212	5210	5010

4-81-401

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
309B 88 85	300	126	60	60	421	431	126	60	60	421	431	127	60	60	421	431
318B 88 85	300	127	55	55	421	431	127	55	55	421	431	127	55	55	421	431
327B 88 85	300	127	55	55	421	421	127	55	55	421	421	127	55	55	421	421
333B 88 85	300	128	55	55	421	431	128	55	55	421	431	128	55	55	421	431
342B 88 85	300	127	60	60	431	431	127	60	60	431	431	127	60	60	431	431
351B 88 85	300	127	60	60	431	431	126	65	65	431	431	126	65	65	431	431

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309B 88 85	88	3/8	42	102	102	1/4 X10	1/4	0	5210	1411	5210
318B 88 85	88	3/8	42	102	102	1/4 X10	1/4	0	1411	5210	1411
327B 88 85	88	3/8	36	102	102	1/4 X 9	1/4	0	5110	1411	5210
333B 88 85	88	3/8	42	102	102	1/4 X10	1/4	0	5210	1411	5110
342B 88 85	88	3/8	42	103	103	1/4 X11	1/4	0	1411	5210	1411
351B 88 85	88	3/8	45	103	103	1/4 X11	1/4	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309B 88 85	87	3/8	42	103	103	1/4 X11	1/4	0	5210	1411	5210
318B 88 85	87	3/8	42	103	102	1/4 X11	1/4	0	1411	5210	1411
327B 88 85	87	3/8	36	102	102	1/4 X 9	1/4	0	5110	1411	5210
333B 88 85	87	3/8	42	102	103	1/4 X11	1/4	0	5210	1411	5110
342B 88 85	87	3/8	42	103	103	1/4 X12	1/4	0	1411	5210	1411
351B 88 85	87	3/8	45	103	103	1/4 X11	1/4	0	5210	1411	5210

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
309B 88 85	86	3/8	42	103	103	1/4 X11	1/4	0	5210	1411	5210
318B 88 85	86	3/8	42	103	103	1/4 X11	1/4	0	1411	5210	1411
327B 88 85	86	3/8	36	102	102	1/4 X10	1/4	0	5110	1411	5210
333B 88 85	86	3/8	36	103	103	1/4 X11	1/4	0	5210	1411	5110
342B 88 85	86	3/8	42	103	103	1/4 X12	1/4	0	1411	5210	1411
351B 88 85	86	3/8	42	103	103	1/4 X12	1/4	0	5210	1411	5210

4-B1-402

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
4098 88 85	300	120	85	85	421	421	120	85	85	421	421	120	85	85	421	421
4188 88 85	300	122	70	70	421	421	122	70	70	421	421	122	65	65	421	421
4278 88 85	300	121	65	65	411	411	121	65	65	411	411	121	65	65	411	411
4338 88 85	300	121	60	60	411	411	121	60	60	411	411	121	60	60	411	411
4428 88 85	300	122	60	60	421	421	122	60	60	421	421	122	60	60	421	421
4518 88 85	300	120	80	80	421	421	120	80	80	421	421	120	80	80	421	421

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
4098 88 85	88	3/8	55	102	102	1/4 X 8	1/4	0	5010	5210	1212
4188 88 85	88	3/8	45	102	102	1/4 X 8	1/4	0	1611	5210	1111
4278 88 85	88	3/8	45	101	101	0 X 0	1/4	0	5110	1111	5210
4338 88 85	88	3/8	42	101	102	0 X 0	1/4	0	5210	1111	5110
4428 88 85	88	3/8	42	102	102	1/4 X 8	1/4	0	1111	5210	1611
4518 88 85	88	3/8	50	102	102	1/4 X 8	1/4	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
4098 88 85	87	3/8	55	102	102	1/4 X 9	1/4	0	5010	5210	1212
4188 88 85	87	3/8	45	102	102	1/4 X 8	1/4	0	1611	5210	1111
4278 88 85	87	3/8	45	101	101	0 X 0	1/4	0	5110	1111	5210
4338 88 85	87	3/8	42	101	102	0 X 0	1/4	0	5210	1111	5110
4428 88 85	87	3/8	42	102	102	1/4 X 8	1/4	0	1111	5210	1611
4518 88 85	87	3/8	55	102	102	1/4 X 9	1/4	0	1212	5210	5010

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
4098 88 85	86	3/8	60	102	102	1/4 X 9	1/4	0	5010	5210	1212
4188 88 85	86	3/8	46	102	102	1/4 X 8	1/4	0	1611	5210	1111
4278 88 85	86	3/8	45	102	101	0 X 0	1/4	0	5110	1111	5210
4338 88 85	86	3/8	42	101	102	0 X 0	1/4	0	5210	1111	5110
4428 88 85	86	3/8	42	102	102	1/4 X 9	1/4	0	1111	5210	1611
4518 88 85	86	3/8	55	102	102	1/4 X 9	1/4	0	1212	5210	5010

4-81-403

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
200B 88 86	210	121	100	100	431	431	521	100	100	0	0	120	100	100	431	431
400B 88 86	210	121	100	100	431	431	521	100	100	0	0	120	100	100	431	431

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200B 88 86	88	3/8	70	112	112	1/4 X13	1/4	0	1313	5010	5610
400B 88 86	88	3/8	75	112	112	1/4 X13	1/4	0	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200B 88 86	87	3/8	75	112	112	1/4 X14	1/4	0	1313	5010	5610
400B 88 86	87	3/8	75	112	112	1/4 X14	1/4	0	1313	5010	5610

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-81-404

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
106B 89 86	300	124	65	65	421	431	124	65	65	421	431	125	65	65	421	431
115B 89 86	300	126	60	60	421	431	126	60	60	421	431	126	60	60	421	431
124B 89 86	300	126	60	60	421	421	126	60	60	421	421	126	60	60	421	421
136B 89 86	300	127	60	60	421	431	127	60	60	421	431	127	60	60	421	431
145B 89 86	300	126	65	65	421	431	126	65	65	421	431	126	65	65	421	431
154B 89 86	300	125	65	65	421	431	124	65	65	421	431	124	70	70	421	431

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106B 89 86	89	3/8	45	102	102	1/4 X 9	1/4	0	1311	5110	1411
115B 89 86	89	3/8	42	102	102	1/4 X10	1/4	0	5110	1411	5110
124B 89 86	89	3/8	42	102	102	1/4 X 9	1/4	0	1411	5110	1411
136B 89 86	89	3/8	42	102	102	1/4 X10	1/4	0	1411	5110	1411
145B 89 86	89	3/8	42	103	103	1/4 X11	1/4	0	5110	1411	5110
154B 89 86	89	3/8	46	103	102	1/4 X10	1/4	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106B 89 86	88	3/8	42	102	103	1/4 X10	1/4	0	1311	5110	1411
115B 89 86	88	3/8	42	103	103	1/4 X10	1/4	0	5110	1411	5110
124B 89 86	88	3/8	42	102	102	1/4 X10	1/4	0	1411	5110	1411
136B 89 86	88	3/8	42	102	103	1/4 X11	1/4	0	1411	5110	1411
145B 89 86	88	3/8	42	103	103	1/4 X11	1/4	0	5110	1411	5110
154B 89 86	88	3/8	45	103	103	1/4 X10	1/4	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106B 89 86	87	3/8	45	103	103	1/4 X10	1/4	0	1311	5110	1411
115B 89 86	87	3/8	42	103	103	1/4 X11	1/4	0	5110	1411	5110
124B 89 86	87	3/8	42	102	102	1/4 X10	1/4	0	1411	5110	1411
136B 89 86	87	3/8	42	103	103	1/4 X11	1/4	0	1411	5110	1411
145B 89 86	87	3/8	42	103	103	1/4 X12	1/4	0	5110	1411	5110
154B 89 86	87	3/8	45	103	103	1/4 X11	1/4	0	1411	5110	1311

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — CITY OF THE STATE OF NEW YORK

4-81-405

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

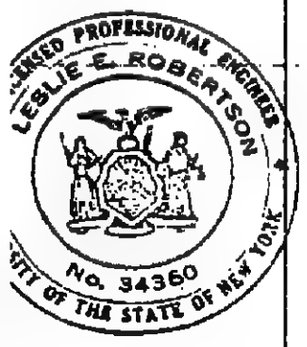
PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
206B	89	86	300	120	80	80	421	421	120	80	80	421	421	120	80	80	421	421
215B	89	86	300	120	80	80	421	421	121	75	75	421	421	122	65	65	421	421
224B	89	86	300	121	65	65	411	411	121	65	65	411	411	121	65	65	411	411
236B	89	86	300	121	70	70	411	411	121	70	70	411	411	121	70	70	411	411
245B	89	86	300	122	70	70	421	421	121	75	75	421	421	120	80	80	421	421
254B	89	86	300	120	80	80	421	421	120	80	80	421	421	120	80	80	421	421

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206B	89	86	89	3/8	55	102	102	1/4 X 8	1/4	0	5110	1212	5110
215B	89	86	89	3/8	50	102	102	1/4 X 7	1/4	0	1212	5510	5110
224B	89	86	89	3/8	45	102	101	0 X 0	1/4	0	1111	5110	1111
236B	89	86	89	3/8	50	101	101	0 X 0	1/4	0	1111	5110	1111
245B	89	86	89	3/8	55	102	102	1/4 X 7	1/4	0	5110	5310	1212
254B	89	86	89	3/8	55	102	102	1/4 X 8	1/4	0	5110	1212	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206B	89	86	88	3/8	55	102	102	1/4 X 9	1/4	0	5110	1212	5110
215B	89	86	88	3/8	50	102	102	1/4 X 8	1/4	0	1212	5510	5110
224B	89	86	88	3/8	42	102	101	0 X 0	1/4	0	1111	5110	1111
236B	89	86	88	3/8	45	101	102	0 X 0	1/4	0	1111	5110	1111
245B	89	86	88	3/8	55	102	102	1/4 X 7	1/4	0	5110	5310	1212
254B	89	86	88	3/8	55	102	102	1/4 X 8	1/4	0	5110	1212	5110



PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206B	89	86	87	3/8	55	103	102	1/4 X 9	1/4	0	5110	1212	5110
215B	89	86	87	3/8	55	102	102	1/4 X 8	1/4	0	1212	5510	5110
224B	89	86	87	3/8	42	102	102	0 X 0	1/4	0	1111	5110	1111
236B	89	86	87	3/8	45	101	102	0 X 0	1/4	0	1111	5110	1111
245B	89	86	87	3/8	55	102	102	1/4 X 8	1/4	0	5110	5310	1212
254B	89	86	87	3/8	55	102	102	1/4 X 9	1/4	0	5110	1212	5110

4-81-406

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

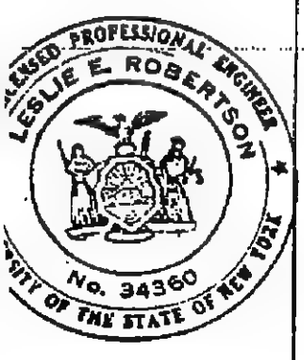
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
306B 89 86	300	124	65	65	421	421	124	65	65	421	421	125	65	65	421	431
315B 89 86	300	126	60	60	421	431	126	60	60	421	431	126	60	60	421	431
324B 89 86	300	126	55	55	421	421	126	55	55	421	421	126	55	55	421	421
336B 89 86	300	127	60	60	421	431	127	60	60	421	431	127	60	60	421	431
345B 89 86	300	126	60	60	421	431	126	60	60	421	431	126	60	60	421	431
354B 89 86	300	125	65	65	421	431	124	70	70	421	431	124	70	70	421	431

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306B 89 86	89	3/8	45	102	102	1/4 X 9	1/4	0	1311	5110	1411
315B 89 86	89	3/8	42	102	102	1/4 X10	1/4	0	5110	1411	5110
324B 89 86	89	3/8	42	102	102	1/4 X 9	1/4	0	1411	5110	1411
336B 89 86	89	3/8	42	102	102	1/4 X10	1/4	0	1411	5110	1411
345B 89 86	89	3/8	42	103	103	1/4 X10	1/4	0	5110	1411	5110
354B 89 86	89	3/8	46	102	102	1/4 X10	1/4	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306B 89 86	88	3/8	42	102	102	1/4 X 9	1/4	0	1311	5110	1411
315B 89 86	88	3/8	42	102	102	1/4 X10	1/4	0	5110	1411	5110
324B 89 86	88	3/8	42	102	102	1/4 X 9	1/4	0	1411	5110	1411
336B 89 86	88	3/8	42	102	103	1/4 X11	1/4	0	1411	5110	1411
345B 89 86	88	3/8	42	103	103	1/4 X11	1/4	0	5110	1411	5110
354B 89 86	88	3/8	45	103	103	1/4 X10	1/4	0	1411	5110	1311



PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306B 89 86	87	3/8	45	103	103	1/4 X10	1/4	0	1311	5110	1411
315B 89 86	87	3/8	42	103	103	1/4 X10	1/4	0	5110	1411	5110
324B 89 86	87	3/8	42	102	102	1/4 X10	1/4	0	1411	5110	1411
336B 89 86	87	3/8	42	103	103	1/4 X11	1/4	0	1411	5110	1411
345B 89 86	87	3/8	42	103	103	1/4 X12	1/4	0	5110	1411	5110
354B 89 86	87	3/8	46	103	103	1/4 X11	1/4	0	1411	5110	1311

4-81-407

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
406B 89 86	300	120	85	85	421	421	120	85	85	421	421	120	80	80	421	421
415B 89 86	300	120	80	80	421	421	121	75	75	421	421	122	70	70	421	421
424B 89 86	300	121	70	70	411	411	121	70	70	411	411	121	70	70	411	411
436B 89 86	300	121	65	65	411	411	121	65	65	411	411	121	65	65	411	421
445B 89 86	300	122	65	65	421	421	121	75	75	421	421	120	75	75	421	421
454B 89 86	300	120	75	75	421	421	120	80	80	421	421	120	80	80	421	421

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406B 89 86	89	3/8	55	102	102	1/4 X 8	1/4	0	5110	1212	5110
415B 89 86	89	3/8	55	102	102	1/4 X 7	1/4	0	1212	5510	5110
424B 89 86	89	3/8	50	101	101	0 X 0	1/4	0	1111	5110	1111
436B 89 86	89	3/8	45	101	102	0 X 0	1/4	0	1111	5110	1111
445B 89 86	89	3/8	50	102	102	1/4 X 7	1/4	0	5110	5310	1212
454B 89 86	89	3/8	50	102	102	1/4 X 8	1/4	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406B 89 86	88	3/8	55	102	102	1/4 X 9	1/4	0	5110	1212	5110
415B 89 86	88	3/8	55	102	102	1/4 X 8	1/4	0	1212	5510	5110
424B 89 86	88	3/8	45	102	101	0 X 0	1/4	0	1111	5110	1111
436B 89 86	88	3/8	42	102	102	0 X 0	1/4	0	1111	5110	1111
445B 89 86	88	3/8	50	102	102	1/4 X 8	1/4	0	5110	5310	1212
454B 89 86	88	3/8	55	102	102	1/4 X 9	1/4	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406B 89 86	87	3/8	60	102	102	1/4 X 9	1/4	0	5110	1212	5110
415B 89 86	87	3/8	55	102	102	1/4 X 8	1/4	0	1212	5510	5110
424B 89 86	87	3/8	45	102	101	0 X 0	1/4	0	1111	5110	1111
436B 89 86	87	3/8	42	102	102	0 X 0	1/4	0	1111	5110	1111
445B 89 86	87	3/8	55	102	102	1/4 X 8	1/4	0	5110	5310	1212
454B 89 86	87	3/8	55	102	102	1/4 X 9	1/4	0	5110	1212	5110

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — REGISTERED TO THE STATE OF NEW YORK

4-B1-408

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
100B 89 87	210	120	100	100	431	431	521	100	100	0	0	121	100	100	431	431
300B 89 87	210	120	100	100	431	431	521	100	100	0	0	121	100	100	431	431

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100B 89 87	89	3/8	65	112	112	1/4 X12	1/4	0	5410	5010	1313
300B 89 87	89	3/8	70	112	112	1/4 X11	1/4	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
100B 89 87	88	3/8	70	112	112	1/4 X13	1/4	0	5410	5010	1313
300B 89 87	88	3/8	70	112	112	1/4 X12	1/4	0	5410	5010	1313

4-81-409

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
103B 90 87	300	120	90	90	421	431	121	80	80	421	421	122	70	70	421	421
112B 90 87	300	126	60	60	421	431	126	60	60	421	431	126	60	60	421	431
121B 90 87	300	126	60	60	421	421	126	60	60	421	421	126	60	60	421	421
130B 90 87	300	126	60	60	421	421	126	60	60	421	421	126	60	60	421	421
139B 90 87	300	126	60	60	421	431	126	60	60	421	431	126	60	60	421	431
148B 90 87	300	126	65	65	421	431	126	65	65	421	431	126	60	60	421	431
157B 90 87	300	122	75	75	421	431	121	85	85	421	431	120	100	100	421	431

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
103B 90 87	90	3/8	70	112	102	1/4 X 9	1/4	0	5110	1311	5210
112B 90 87	90	3/8	42	102	102	1/4 X 9	1/4	0	1511	5210	1411
121B 90 87	90	3/8	42	102	102	1/4 X 9	1/4	0	5210	1411	5210
130B 90 87	90	3/8	42	102	102	1/4 X 9	1/4	0	1411	5210	1411
139B 90 87	90	3/8	42	102	102	1/4 X10	1/4	0	5210	1411	5210
148B 90 87	90	3/8	42	102	102	1/4 X10	1/4	0	1411	5210	1511
157B 90 87	90	3/8	70	102	112	1/4 X10	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
103B 90 87	89	3/8	70	112	102	1/4 X10	1/4	0	5110	1311	5210
112B 90 87	89	3/8	42	102	102	1/4 X10	1/4	0	1511	5210	1411
121B 90 87	89	3/8	42	102	102	1/4 X10	1/4	0	5210	1411	5210
130B 90 87	89	3/8	42	102	102	1/4 X 9	1/4	0	1411	5210	1411
139B 90 87	89	3/8	42	102	103	1/4 X10	1/4	0	5210	1411	5210
148B 90 87	89	3/8	42	103	103	1/4 X11	1/4	0	1411	5210	1511
157B 90 87	89	3/8	75	102	112	1/4 X10	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
103B 90 87	88	3/8	75	112	102	1/4 X11	1/4	0	5110	1311	5210
112B 90 87	88	3/8	42	103	103	1/4 X10	1/4	0	1511	5210	1411
121B 90 87	88	3/8	42	102	102	1/4 X10	1/4	0	5210	1411	5210
130B 90 87	88	3/8	42	102	102	1/4 X 9	1/4	0	1411	5210	1411
139B 90 87	88	3/8	42	103	103	1/4 X11	1/4	0	5210	1411	5210
148B 90 87	88	3/8	42	103	103	1/4 X11	1/4	0	1411	5210	1511
157B 90 87	88	3/8	75	103	112	1/4 X11	1/4	0	5210	1311	5110

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

4-81-410

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
203B	90	87	300	120	85	85	421	431	120	80	80	421	421	120	80	80	421	421
212B	90	87	300	120	75	75	421	421	120	75	75	421	421	120	75	75	421	421
221B	90	87	300	122	65	65	411	421	121	65	65	411	411	121	65	65	411	411
230B	90	87	300	121	65	65	411	411	121	65	65	411	411	121	65	65	411	411
239B	90	87	300	121	70	70	411	411	121	65	65	411	411	122	65	65	411	421
248B	90	87	300	120	75	75	421	421	120	75	75	421	421	120	75	75	421	421
257B	90	87	300	120	80	80	421	421	120	80	80	421	421	120	85	85	421	431

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
203B	90	87	90	3/8	65	112	102	1/4 X10	1/4	0	1013	5210	5010
212B	90	87	90	3/8	50	102	102	1/4 X 7	1/4	0	5210	5010	5210
221B	90	87	90	3/8	45	102	101	0 X 0	1/4	0	5210	1111	5210
230B	90	87	90	3/8	45	101	101	0 X 0	1/4	0	1111	5210	1111
239B	90	87	90	3/8	50	101	102	0 X 0	1/4	0	5210	1111	5210
248B	90	87	90	3/8	50	102	102	1/4 X 7	1/4	0	5210	5010	5210
257B	90	87	90	3/8	65	102	112	1/4 X 9	1/4	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
203B	90	87	89	3/8	65	112	102	1/4 X10	1/4	0	1013	5210	5010
212B	90	87	89	3/8	50	102	102	1/4 X 8	1/4	0	5210	5010	5210
221B	90	87	89	3/8	42	102	102	0 X 0	1/4	0	5210	1111	5210
230B	90	87	89	3/8	45	101	101	0 X 0	1/4	0	1111	5210	1111
239B	90	87	89	3/8	45	101	102	0 X 0	1/4	0	5210	1111	5210
248B	90	87	89	3/8	50	102	102	1/4 X 7	1/4	0	5210	5010	5210
257B	90	87	89	3/8	65	102	112	1/4 X 9	1/4	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
203B	90	87	88	3/8	70	112	102	1/4 X11	1/4	0	1013	5210	5010
212B	90	87	88	3/8	50	102	102	1/4 X 8	1/4	0	5210	5010	5210
221B	90	87	88	3/8	42	102	102	1/4 X 7	1/4	0	5210	1111	5210
230B	90	87	88	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1111
239B	90	87	88	3/8	45	102	102	0 X 0	1/4	0	5210	1111	5210
248B	90	87	88	3/8	55	102	102	1/4 X 8	1/4	0	5210	5010	5210
257B	90	87	88	3/8	70	102	112	1/4 X10	1/4	0	5010	5210	1013

4-B1-411

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
303B 90 87	300	120	100	100	421	431	121	85	85	421	421	122	70	70	421	421
312B 90 87	300	126	60	60	421	421	126	60	60	421	421	126	60	60	421	421
321B 90 87	300	126	55	55	421	421	126	55	55	421	421	126	55	55	421	421
330B 90 87	300	126	55	55	421	421	126	55	55	421	421	126	55	55	421	421
339B 90 87	300	126	60	60	421	431	126	60	60	421	431	126	60	60	421	431
348B 90 87	300	126	60	60	421	431	126	60	60	421	431	126	60	60	421	431
357B 90 87	300	122	75	75	421	421	121	85	85	421	421	120	100	100	421	431

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303B 90 87	90	3/8	70	112	102	1/4 X 9	1/4	0	5110	1311	5210
312B 90 87	90	3/8	42	102	102	1/4 X 9	1/4	0	1511	5210	1411
321B 90 87	90	3/8	42	102	102	1/4 X 9	1/4	0	5210	1411	5210
330B 90 87	90	3/8	42	102	102	1/4 X 8	1/4	0	1411	5210	1411
339B 90 87	90	3/8	42	102	102	1/4 X10	1/4	0	5210	1411	5210
348B 90 87	90	3/8	42	102	102	1/4 X10	1/4	0	1411	5210	1511
357B 90 87	90	3/8	75	102	112	1/4 X10	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303B 90 87	89	3/8	70	112	102	1/4 X10	1/4	0	5110	1311	5210
312B 90 87	89	3/8	42	102	102	1/4 X10	1/4	0	1511	5210	1411
321B 90 87	89	3/8	42	102	102	1/4 X 9	1/4	0	5210	1411	5210
330B 90 87	89	3/8	36	102	102	1/4 X 9	1/4	0	1411	5210	1411
339B 90 87	89	3/8	42	102	102	1/4 X10	1/4	0	5210	1411	5210
348B 90 87	89	3/8	42	103	103	1/4 X10	1/4	0	1411	5210	1511
357B 90 87	89	3/8	75	102	112	1/4 X10	1/4	0	5210	1311	5110

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — CITY OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303B 90 87	88	3/8	75	112	102	1/4 X10	1/4	0	5110	1311	5210
312B 90 87	88	3/8	42	102	102	1/4 X10	1/4	0	1511	5210	1411
321B 90 87	88	3/8	36	102	102	1/4 X 9	1/4	0	5210	1411	5210
330B 90 87	88	3/8	42	102	102	1/4 X 9	1/4	0	1411	5210	1411
339B 90 87	88	3/8	42	103	103	1/4 X11	1/4	0	5210	1411	5210
348B 90 87	88	3/8	42	103	103	1/4 X11	1/4	0	1411	5210	1511
357B 90 87	88	3/8	80	103	112	1/4 X11	1/4	C	5210	1311	5110

4-B1-412

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
4038 90 87	300	120	90	90	421	431	120	80	80	421	421	120	80	80	421	421
4128 90 87	300	120	80	80	421	421	120	80	80	421	421	120	80	80	421	421
4218 90 87	300	122	65	65	411	421	121	70	70	411	411	121	70	70	411	411
4308 90 87	300	121	65	65	411	411	121	65	65	411	411	121	65	65	411	411
4398 90 87	300	121	65	65	411	411	121	65	65	411	411	122	60	60	411	421
4488 90 87	300	120	75	75	421	421	120	75	75	421	421	120	75	75	421	421
4578 90 87	300	120	75	75	421	421	120	75	75	421	421	120	85	85	421	431

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
4038 90 87	90	3/8	65	112	102	1/4 X 9	1/4	0	1013	5210	5010
4128 90 87	90	3/8	50	102	102	1/4 X 7	1/4	0	5210	5010	5210
4218 90 87	90	3/8	50	102	101	0 X 0	1/4	0	5210	1111	5210
4308 90 87	90	3/8	45	101	101	0 X 0	1/4	0	1111	5210	1111
4398 90 87	90	3/8	45	101	102	0 X 0	1/4	0	5210	1111	5210
4488 90 87	90	3/8	46	102	102	1/4 X 7	1/4	0	5210	5010	5210
4578 90 87	90	3/8	65	102	112	1/4 X 9	1/4	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
4038 90 87	89	3/8	70	112	102	1/4 X10	1/4	0	1013	5210	5010
4128 90 87	89	3/8	55	102	102	1/4 X 7	1/4	0	5210	5010	5210
4218 90 87	89	3/8	45	102	101	0 X 0	1/4	0	5210	1111	5210
4308 90 87	89	3/8	45	101	101	0 X 0	1/4	0	1111	5210	1111
4398 90 87	89	3/8	42	102	102	0 X 0	1/4	0	5210	1111	5210
4488 90 87	89	3/8	50	102	102	1/4 X 8	1/4	0	5210	5010	5210
4578 90 87	89	3/8	65	102	112	1/4 X10	1/4	0	5010	5210	1013

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
4038 90 87	88	3/8	70	112	102	1/4 X10	1/4	0	1013	5210	5010
4128 90 87	88	3/8	55	102	102	1/4 X 8	1/4	0	5210	5010	5210
4218 90 87	88	3/8	46	102	102	0 X 0	1/4	0	5210	1111	5210
4308 90 87	88	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1111
4398 90 87	88	3/8	42	102	102	1/4 X 7	1/4	0	5210	1111	5210
4488 90 87	88	3/8	50	102	102	1/4 X 8	1/4	0	5210	5010	5210
4578 90 87	88	3/8	65	102	112	1/4 X10	1/4	0	5010	5210	1013

4-B1-413

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
2008 90 88	210	121	100	100	431	431	521	100	100	0	0	120	100	100	431	431
4008 90 88	210	121	100	100	431	431	521	100	100	0	0	120	100	100	431	431

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2008 90 88	90	3/8	75	112	112	1/4 X12	1/4	0	1313	5010	5610
4008 90 88	90	3/8	75	112	112	1/4 X12	1/4	0	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2008 90 88	89	3/8	70	112	112	1/4 X12	1/4	0	1313	5010	5610
4008 90 88	89	3/8	70	112	112	1/4 X12	1/4	0	1313	5010	5610

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-B1-414

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

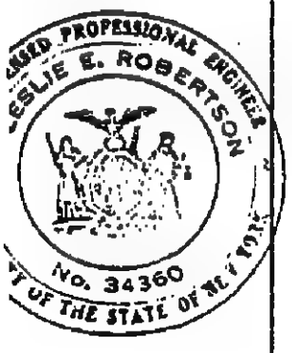
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
1098 91 88	300	124	60	60	421	421	125	60	60	421	421	125	60	60	421	421
1188 91 88	300	125	60	60	421	421	125	60	60	421	421	125	60	60	421	421
1278 91 88	300	125	60	60	421	421	125	60	60	421	421	126	60	60	421	421
1338 91 88	300	126	60	60	421	421	126	60	60	421	421	126	60	60	421	421
1428 91 88	300	126	60	60	421	431	126	60	60	421	431	125	65	65	421	431
1518 91 88	300	125	65	65	421	431	125	65	65	421	431	124	65	65	421	431

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
1098 91 88	91	3/8	42	102	102	1/4 X 9	1/4	0	5210	1411	5210
1188 91 88	91	3/8	42	102	102	1/4 X 9	1/4	0	1411	5210	1411
1278 91 88	91	3/8	42	102	102	1/4 X 8	1/4	0	5110	1411	5210
1338 91 88	91	3/8	42	102	102	1/4 X 9	1/4	0	5210	1411	5110
1428 91 88	91	3/8	45	102	102	1/4 X 9	1/4	0	1411	5210	1411
1518 91 88	91	3/8	42	102	102	1/4 X 9	1/4	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
1098 91 88	90	3/8	42	102	102	1/4 X 9	1/4	0	5210	1411	5210
1188 91 88	90	3/8	42	102	102	1/4 X 9	1/4	0	1411	5210	1411
1278 91 88	90	3/8	42	102	102	1/4 X 8	1/4	0	5110	1411	5210
1338 91 88	90	3/8	42	102	102	1/4 X 9	1/4	0	5210	1411	5110
1428 91 88	90	3/8	42	102	102	1/4 X10	1/4	0	1411	5210	1411
1518 91 88	90	3/8	45	102	102	1/4 X10	1/4	0	5210	1411	5210



PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
1098 91 88	89	3/8	42	102	102	1/4 X10	1/4	0	5210	1411	5210
1188 91 88	89	3/8	42	102	102	1/4 X10	1/4	0	1411	5210	1411
1278 91 88	89	3/8	42	102	102	1/4 X 9	1/4	0	5110	1411	5210
1338 91 88	89	3/8	42	102	102	1/4 X10	1/4	0	5210	1411	5110
1428 91 88	89	3/8	42	103	103	1/4 X10	1/4	0	1411	5210	1411
1518 91 88	89	3/8	45	103	103	1/4 X10	1/4	0	5210	1411	5210

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

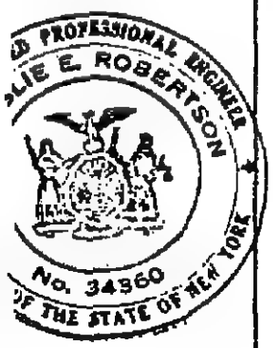
PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
2098 91 88	300	120	75	75	421	421	120	75	75	421	421	120	75	75	421	421
2188 91 88	300	121	70	70	411	421	121	70	70	411	421	121	70	70	411	421
2278 91 88	300	120	65	65	411	411	120	65	65	411	411	120	65	65	411	411
2338 91 88	300	120	65	65	411	411	120	65	65	411	411	120	70	70	411	411
2428 91 88	300	121	70	70	411	411	121	70	70	411	411	121	70	70	411	421
2518 91 88	300	120	75	75	421	421	120	75	75	421	421	120	75	75	421	421

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2098 91 88	91	3/8	50	102	102	1/4 X 7	1/4	0	5010	5210	1212
2188 91 88	91	3/8	50	102	102	0 X 0	1/4	0	1611	5210	1111
2278 91 88	91	3/8	42	101	101	0 X 0	1/4	0	5110	1111	5210
2338 91 88	91	3/8	45	101	101	0 X 0	1/4	0	5210	1111	5110
2428 91 88	91	3/8	50	101	102	0 X 0	1/4	0	1111	5210	1611
2518 91 88	91	3/8	50	102	102	1/4 X 7	1/4	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2098 91 88	90	3/8	50	102	102	1/4 X 8	1/4	0	5010	5210	1212
2188 91 88	90	3/8	42	102	102	0 X 0	1/4	0	1611	5210	1111
2278 91 88	90	3/8	42	101	101	0 X 0	1/4	0	5110	1111	5210
2338 91 88	90	3/8	45	101	101	0 X 0	1/4	0	5210	1111	5110
2428 91 88	90	3/8	45	102	102	0 X 0	1/4	0	1111	5210	1611
2518 91 88	90	3/8	50	102	102	1/4 X 7	1/4	0	1212	5210	5010



PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2098 91 88	89	3/8	50	102	102	1/4 X 8	1/4	0	5010	5210	1212
2188 91 88	89	3/8	45	102	102	1/4 X 7	1/4	0	1611	5210	1111
2278 91 88	89	3/8	45	101	101	0 X 0	1/4	0	5110	1111	5210
2338 91 88	89	3/8	46	101	101	0 X 0	1/4	0	5210	1111	5110
2428 91 88	89	3/8	46	102	102	1/4 X 7	1/4	0	1111	5210	1611
2518 91 88	89	3/8	50	102	102	1/4 X 8	1/4	0	1212	5210	5010

4-B1-416

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
309B 91 88	300	124	60	60	421	421	125	60	60	421	421	125	60	60	421	421
318B 91 88	300	125	60	60	421	421	125	60	60	421	421	125	60	60	421	421
327B 91 88	300	125	55	55	421	421	125	55	55	421	421	126	55	55	421	421
333B 91 88	300	126	55	55	421	421	126	55	55	421	421	126	55	55	421	421
342B 91 88	300	126	60	60	421	431	126	60	60	421	431	125	65	65	421	431
351B 91 88	300	125	65	65	421	431	125	65	65	421	431	124	65	65	421	431

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309B 91 88	91	3/8	42	102	102	1/4 X 8	1/4	0	5210	1411	5210
318B 91 88	91	3/8	42	102	102	1/4 X 8	1/4	0	1411	5210	1411
327B 91 88	91	3/8	42	102	102	0 X 0	1/4	0	5110	1411	5210
333B 91 88	91	3/8	42	102	102	1/4 X 8	1/4	0	5210	1411	5110
342B 91 88	91	3/8	42	102	102	1/4 X 9	1/4	0	1411	5210	1411
351B 91 88	91	3/8	42	102	102	1/4 X 9	1/4	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309B 91 88	90	3/8	42	102	102	1/4 X 9	1/4	0	5210	1411	5210
318B 91 88	90	3/8	42	102	102	1/4 X 9	1/4	0	1411	5210	1411
327B 91 88	90	3/8	36	102	102	1/4 X 8	1/4	0	5110	1411	5210
333B 91 88	90	3/8	36	102	102	1/4 X 9	1/4	0	5210	1411	5110
342B 91 88	90	3/8	42	102	102	1/4 X10	1/4	0	1411	5210	1411
351B 91 88	90	3/8	45	102	102	1/4 X 9	1/4	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309B 91 88	89	3/8	42	102	102	1/4 X 9	1/4	0	5210	1411	5210
318B 91 88	89	3/8	42	102	102	1/4 X 9	1/4	0	1411	5210	1411
327B 91 88	89	3/8	42	102	102	1/4 X 8	1/4	0	5110	1411	5210
333B 91 88	89	3/8	42	102	102	1/4 X 9	1/4	0	5210	1411	5110
342B 91 88	89	3/8	42	102	103	1/4 X10	1/4	0	1411	5210	1411
351B 91 88	89	3/8	45	103	102	1/4 X10	1/4	0	5210	1411	5210

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — CITY OF THE STATE OF NEW YORK

4-B1-417

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
4098 91 88	300	120	75	75	421	421	120	75	75	421	421	120	75	75	421	421
4188 91 88	300	121	75	75	411	421	121	70	70	411	421	121	70	70	411	421
4278 91 88	300	120	70	70	411	411	120	70	70	411	411	120	65	65	411	411
4338 91 88	300	120	65	65	411	411	120	65	65	411	411	120	65	65	411	411
4428 91 88	300	121	65	65	411	421	121	70	70	411	421	121	70	70	411	421
4518 91 88	300	120	70	70	421	421	120	70	70	421	421	120	70	70	421	421

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
4098 91 88	91	3/8	50	102	102	1/4 X 7	1/4	0	5010	5210	1212
4188 91 88	91	3/8	50	102	101	0 X 0	1/4	0	1611	5210	1111
4278 91 88	91	3/8	45	101	101	0 X 0	1/4	0	5110	1111	5210
4338 91 88	91	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5110
4428 91 88	91	3/8	46	102	102	0 X 0	1/4	0	1111	5210	1611
4518 91 88	91	3/8	46	102	102	1/4 X 7	1/4	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
4098 91 88	90	3/8	50	102	102	1/4 X 7	1/4	0	5010	5210	1212
4188 91 88	90	3/8	45	102	102	0 X 0	1/4	0	1611	5210	1111
4278 91 88	90	3/8	45	101	101	0 X 0	1/4	0	5110	1111	5210
4338 91 88	90	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5110
4428 91 88	90	3/8	42	102	102	0 X 0	1/4	0	1111	5210	1611
4518 91 88	90	3/8	50	102	102	1/4 X 7	1/4	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
4098 91 88	89	3/8	55	102	102	1/4 X 8	1/4	0	5010	5210	1212
4188 91 88	89	3/8	46	102	102	1/4 X 7	1/4	0	1611	5210	1111
4278 91 88	89	3/8	46	101	101	0 X 0	1/4	0	5110	1111	5210
4338 91 88	89	3/8	45	101	101	0 X 0	1/4	0	5210	1111	5110
4428 91 88	89	3/8	45	102	102	1/4 X 7	1/4	0	1111	5210	1611
4518 91 88	89	3/8	50	102	102	1/4 X 8	1/4	0	1212	5210	5010

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-B1-418

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
1008 91 89	210	120	100	100	431	431	520	100	100	0	0	120	100	100	431	431
3008 91 89	210	120	100	100	431	431	520	100	100	0	0	120	100	100	431	431

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
1008 91 89	91	3/8	65	112	112	1/4 X11	1/4	0	5410	5010	1313
3008 91 89	91	3/8	70	112	112	1/4 X10	1/4	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
1008 91 89	90	3/8	70	112	112	1/4 X11	1/4	0	5410	5010	1313
3008 91 89	90	3/8	70	112	112	1/4 X11	1/4	0	5410	5010	1313

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-81-419

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER . | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
106B 92 89	300	123	65	65	421	421	123	65	65	421	421	124	65	65	421	421
115B 92 89	300	125	60	60	421	421	125	60	60	421	421	125	60	60	421	421
124B 92 89	300	125	60	60	421	421	125	60	60	421	421	125	60	60	421	421
136B 92 89	300	126	60	60	421	421	126	60	60	421	421	126	60	60	421	421
145B 92 89	300	125	65	65	421	421	125	65	65	421	421	125	65	65	421	421
154B 92 89	300	124	65	65	421	421	123	70	70	421	421	123	70	70	421	421

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106B 92 89	92	3/8	45	102	102	1/4 X 8	1/4	0	2310	5110	2410
115B 92 89	92	3/8	42	102	102	1/4 X 8	1/4	0	5110	2410	5110
124B 92 89	92	3/8	42	102	102	0 X 0	1/4	0	2410	5110	2410
136B 92 89	92	3/8	42	102	102	1/4 X 9	1/4	0	2410	5110	2410
145B 92 89	92	3/8	42	102	102	1/4 X 9	1/4	0	5110	2410	5110
154B 92 89	92	3/8	50	102	102	1/4 X 8	1/4	0	2410	5110	2310

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106B 92 89	91	3/8	45	102	102	1/4 X 8	1/4	0	1311	5110	1411
115B 92 89	91	3/8	42	102	102	1/4 X 9	1/4	0	5110	1411	5110
124B 92 89	91	3/8	42	102	102	1/4 X 8	1/4	0	1411	5110	1411
136B 92 89	91	3/8	42	102	102	1/4 X 9	1/4	0	1411	5110	1411
145B 92 89	91	3/8	45	102	102	1/4 X 9	1/4	0	5110	1411	5110
154B 92 89	91	3/8	50	102	102	1/4 X 9	1/4	0	1411	5110	1311

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — CITY OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106B 92 89	90	3/8	45	102	102	1/4 X 9	1/4	0	1311	5110	1411
115B 92 89	90	3/8	42	102	102	1/4 X 9	1/4	0	5110	1411	5110
124B 92 89	90	3/8	42	102	102	1/4 X 9	1/4	0	1411	5110	1411
136B 92 89	90	3/8	42	102	102	1/4 X10	1/4	0	1411	5110	1411
145B 92 89	90	3/8	42	102	102	1/4 X10	1/4	0	5110	1411	5110
154B 92 89	90	3/8	45	102	102	1/4 X 9	1/4	0	1411	5110	1311

4-81-420

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
206B	92	89	300	120	75	75	421	421	120	75	75	421	421	120	75	75	421	421
215B	92	89	300	120	70	70	411	421	120	70	70	411	421	121	70	70	411	421
224B	92	89	300	120	65	65	411	411	120	65	65	411	411	120	65	65	411	411
236B	92	89	300	120	65	65	411	411	120	70	70	411	411	120	70	70	411	411
245B	92	89	300	121	70	70	411	421	120	75	75	411	421	120	75	75	411	421
254B	92	89	300	120	75	75	421	421	120	75	75	421	421	120	75	75	421	421

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206B	92	89	92	3/8	46	102	102	1/4 X 7	1/4	0	5110	2210	5110
215B	92	89	92	3/8	46	102	102	0 X 0	1/4	0	2210	5510	5110
224B	92	89	92	3/8	42	101	101	0 X 0	1/4	0	2110	5110	2110
236B	92	89	92	3/8	45	101	101	0 X 0	1/4	0	2110	5110	2110
245B	92	89	92	3/8	50	101	102	0 X 0	1/4	0	5110	5310	2210
254B	92	89	92	3/8	46	102	102	1/4 X 7	1/4	0	5110	2210	5110

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206B	92	89	91	3/8	50	102	102	1/4 X 8	1/4	0	5110	1212	5110
215B	92	89	91	3/8	50	102	102	0 X 0	1/4	0	1212	5510	5110
224B	92	89	91	3/8	42	101	101	0 X 0	1/4	0	1111	5110	1111
236B	92	89	91	3/8	45	101	101	0 X 0	1/4	0	1111	5110	1111
245B	92	89	91	3/8	50	102	102	0 X 0	1/4	0	5110	5310	1212
254B	92	89	91	3/8	50	102	102	1/4 X 7	1/4	0	5110	1212	5110

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
STATE OF THE STATE OF NEW YORK

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
206B	92	89	90	3/8	50	102	102	1/4 X 8	1/4	0	5110	1212	5110
215B	92	89	90	3/8	50	102	102	1/4 X 7	1/4	0	1212	5510	5110
224B	92	89	90	3/8	45	101	101	0 X 0	1/4	0	1111	5110	1111
236B	92	89	90	3/8	46	101	101	0 X 0	1/4	0	1111	5110	1111
245B	92	89	90	3/8	50	102	102	0 X 0	1/4	0	5110	5310	1212
254B	92	89	90	3/8	50	102	102	1/4 X 8	1/4	0	5110	1212	5110

4-81-421

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
306B	92	89	300	123	70	70	421	421	123	65	65	421	421	124	65	65	421	421
315B	92	89	300	125	60	60	421	421	125	60	60	421	421	125	60	60	421	421
324B	92	89	300	125	55	55	421	421	125	55	55	421	421	125	55	55	421	421
336B	92	89	300	126	55	55	421	421	126	55	55	421	421	126	55	55	421	421
345B	92	89	300	125	65	65	421	421	125	65	65	421	421	125	65	65	421	421
354B	92	89	300	124	65	65	421	421	123	70	70	421	421	123	70	70	421	421

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306B	92	89	92	3/8	45	102	102	0 X 0	1/4	0	2310	5110	2410
315B	92	89	92	3/8	42	102	102	1/4 X 8	1/4	0	5110	2410	5110
324B	92	89	92	3/8	42	102	102	0 X 0	1/4	0	2410	5110	2410
336B	92	89	92	3/8	42	102	102	1/4 X 8	1/4	0	2410	5110	2410
345B	92	89	92	3/8	42	102	102	1/4 X 9	1/4	0	5110	2410	5110
354B	92	89	92	3/8	50	102	102	1/4 X 8	1/4	0	2410	5110	2310

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306B	92	89	91	3/8	46	102	102	1/4 X 8	1/4	0	1311	5110	1411
315B	92	89	91	3/8	42	102	102	1/4 X 8	1/4	0	5110	1411	5110
324B	92	89	91	3/8	42	102	102	1/4 X 8	1/4	0	1411	5110	1411
336B	92	89	91	3/8	42	102	102	1/4 X 9	1/4	0	1411	5110	1411
345B	92	89	91	3/8	42	102	102	1/4 X 9	1/4	0	5110	1411	5110
354B	92	89	91	3/8	50	102	102	1/4 X 8	1/4	0	1411	5110	1311

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — CITY OF THE STATE OF NEW YORK

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
306B	92	89	90	3/8	45	102	102	1/4 X 8	1/4	0	1311	5110	1411
315B	92	89	90	3/8	42	102	102	1/4 X 9	1/4	0	5110	1411	5110
324B	92	89	90	3/8	36	102	102	1/4 X 8	1/4	0	1411	5110	1411
336B	92	89	90	3/8	42	102	102	1/4 X 9	1/4	0	1411	5110	1411
345B	92	89	90	3/8	42	102	102	1/4 X10	1/4	0	5110	1411	5110
354B	92	89	90	3/8	46	102	102	1/4 X 9	1/4	0	1411	5110	1311

4-81-422

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
406B 92 89	300	120	75	75	421	421	120	75	75	421	421	120	75	75	421	421
415B 92 89	300	120	75	75	411	421	120	75	75	411	421	121	75	75	411	421
424B 92 89	300	120	70	70	411	411	120	70	70	411	411	120	70	70	411	411
436B 92 89	300	120	65	65	411	411	120	65	65	411	411	120	65	65	411	411
445B 92 89	300	121	70	70	411	421	120	70	70	411	421	120	70	70	411	421
454B 92 89	300	120	70	70	421	421	120	70	70	421	421	120	70	70	421	421

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406B 92 89	92	3/8	50	102	102	1/4 X 7	1/4	0	5110	2210	5110
415B 92 89	92	3/8	50	102	102	0 X 0	1/4	0	2210	5510	5110
424B 92 89	92	3/8	45	101	101	0 X 0	1/4	0	2110	5110	2110
436B 92 89	92	3/8	42	101	101	0 X 0	1/4	0	2110	5110	2110
445B 92 89	92	3/8	45	102	102	0 X 0	1/4	0	5110	5310	2210
454B 92 89	92	3/8	45	102	102	1/4 X 7	1/4	0	5110	2210	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406B 92 89	91	3/8	50	102	102	1/4 X 7	1/4	0	5110	1212	5110
415B 92 89	91	3/8	50	102	102	0 X 0	1/4	0	1212	5510	5110
424B 92 89	91	3/8	45	101	101	0 X 0	1/4	0	1111	5110	1111
436B 92 89	91	3/8	42	101	101	0 X 0	1/4	0	1111	5110	1111
445B 92 89	91	3/8	46	102	102	0 X 0	1/4	0	5110	5310	1212
454B 92 89	91	3/8	46	102	102	1/4 X 7	1/4	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406B 92 89	90	3/8	55	102	102	1/4 X 8	1/4	0	5110	1212	5110
415B 92 89	90	3/8	50	102	102	0 X 0	1/4	0	1212	5510	5110
424B 92 89	90	3/8	46	101	101	0 X 0	1/4	0	1111	5110	1111
436B 92 89	90	3/8	45	101	101	0 X 0	1/4	0	1111	5110	1111
445B 92 89	90	3/8	50	102	102	1/4 X 7	1/4	0	5110	5310	1212
454B 92 89	90	3/8	50	102	102	1/4 X 8	1/4	0	5110	1212	5110

REGISTERED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

4-81-423

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
2008 92 90	210	120	100	100	431	431	520	100	100	0	0	120	100	100	431	431
4008 92 90	210	120	100	100	431	431	520	100	100	0	0	120	100	100	431	431

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2008 92 90	92	3/8	70	112	112	1/4 X11	1/4	0	2310	5010	5610
4008 92 90	92	3/8	70	112	112	1/4 X10	1/4	0	2310	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2008 92 90	91	3/8	70	112	112	1/4 X11	1/4	0	1313	5010	5610
4008 92 90	91	3/8	70	112	112	1/4 X11	1/4	0	1313	5010	5610

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF THE STATE OF NEW YORK

4-B1-424

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
103B 93 90	300	120	85	85	421	421	120	80	80	421	421	121	75	75	421	421
112B 93 90	300	124	60	60	421	421	124	60	60	421	421	124	60	60	421	421
121B 93 90	300	124	60	60	421	421	124	60	60	421	421	124	60	60	421	421
130B 93 90	300	125	60	60	411	421	125	60	60	411	421	125	60	60	421	421
139B 93 90	300	125	60	60	421	421	125	60	60	421	421	125	65	65	421	421
148B 93 90	300	124	65	65	421	421	124	65	65	421	421	124	65	65	421	421
157B 93 90	300	121	75	75	421	421	120	85	85	421	421	120	90	90	421	421

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103B 93 90	93	3/8	60	112	102	1/4 X 8	1/4	0	5110	1311	5210
112B 93 90	93	3/8	42	102	102	0 X 0	1/4	0	1511	5210	1411
121B 93 90	93	3/8	42	102	102	0 X 0	1/4	0	5210	1411	5210
130B 93 90	93	3/8	42	102	102	0 X 0	1/4	0	1411	5210	1411
139B 93 90	93	3/8	42	102	102	1/4 X 8	1/4	0	5210	1411	5210
148B 93 90	93	3/8	45	102	102	1/4 X 8	1/4	0	1411	5210	1511
157B 93 90	93	3/8	65	102	112	1/4 X 8	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103B 93 90	92	3/8	65	112	102	1/4 X 9	1/4	0	5110	2310	5210
112B 93 90	92	3/8	42	102	102	1/4 X 8	1/4	0	2510	5210	2410
121B 93 90	92	3/8	42	102	102	1/4 X 8	1/4	0	5210	2410	5210
130B 93 90	92	3/8	42	102	102	0 X 0	1/4	0	2410	5210	2410
139B 93 90	92	3/8	42	102	102	1/4 X 9	1/4	0	5210	2410	5210
148B 93 90	92	3/8	42	102	102	1/4 X 9	1/4	0	2410	5210	2510
157B 93 90	92	3/8	70	102	112	1/4 X 9	1/4	0	5210	2310	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103B 93 90	91	3/8	65	112	102	1/4 X 9	1/4	0	5110	1311	5210
112B 93 90	91	3/8	42	102	102	1/4 X 9	1/4	0	1511	5210	1411
121B 93 90	91	3/8	42	102	102	1/4 X 8	1/4	0	5210	1411	5210
130B 93 90	91	3/8	42	102	102	1/4 X 8	1/4	0	1411	5210	1411
139B 93 90	91	3/8	42	102	102	1/4 X 9	1/4	0	5210	1411	5210
148B 93 90	91	3/8	45	102	102	1/4 X 9	1/4	0	1411	5210	1511
157B 93 90	91	3/8	70	102	112	1/4 X 9	1/4	0	5210	1311	5110

LEE E. ROBERTSON PROFESSIONAL ENGINEER No. 34360 OF THE STATE OF NEW YORK

4-81-425

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
203B	93	90	300	120	80	80	421	421	120	75	75	421	421	120	70	70	421	421
212B	93	90	300	120	70	70	411	421	120	70	70	411	421	120	70	70	411	421
221B	93	90	300	120	65	65	411	411	120	65	65	411	411	120	65	65	411	411
230B	93	90	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
239B	93	90	300	120	70	70	411	411	120	70	70	411	411	120	70	70	411	411
248B	93	90	300	120	70	70	411	421	120	70	70	411	421	120	70	70	411	421
257B	93	90	300	120	70	70	421	421	120	70	70	421	421	120	80	80	421	421

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
203B	93	90	93	3/8	60	112	102	1/4 X 8	1/4	0	1013	5210	5010
212B	93	90	93	3/8	45	102	102	0 X 0	1/4	0	5210	5010	5210
221B	93	90	93	3/8	45	101	101	0 X 0	1/4	0	5210	1111	5210
230B	93	90	93	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1111
239B	93	90	93	3/8	45	101	101	0 X 0	1/4	0	5210	1111	5210
248B	93	90	93	3/8	45	101	102	0 X 0	1/4	0	5210	5010	5210
257B	93	90	93	3/8	60	102	112	1/4 X 8	1/4	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
203B	93	90	92	3/8	60	112	102	1/4 X 9	1/4	0	2010	5210	5010
212B	93	90	92	3/8	45	102	102	0 X 0	1/4	0	5210	5010	5210
221B	93	90	92	3/8	45	101	101	0 X 0	1/4	0	5210	2110	5210
230B	93	90	92	3/8	42	101	101	0 X 0	1/4	0	2110	5210	2110
239B	93	90	92	3/8	46	101	101	0 X 0	1/4	0	5210	2110	5210
248B	93	90	92	3/8	45	102	102	0 X 0	1/4	0	5210	5010	5210
257B	93	90	92	3/8	60	102	112	1/4 X 8	1/4	0	5010	5210	2010

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
203B	93	90	91	3/8	65	112	102	1/4 X 9	1/4	0	1013	5210	5010
212B	93	90	91	3/8	46	102	102	1/4 X 7	1/4	0	5210	5010	5210
221B	93	90	91	3/8	45	102	101	0 X 0	1/4	0	5210	1111	5210
230B	93	90	91	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1111
239B	93	90	91	3/8	50	101	101	0 X 0	1/4	0	5210	1111	5210
248B	93	90	91	3/8	50	102	102	0 X 0	1/4	0	5210	5010	5210
257B	93	90	91	3/8	60	102	112	1/4 X 8	1/4	0	5010	5210	1013

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

4-B1-426

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
303B 93 90	300	120	85	85	421	421	120	80	80	421	421	121	75	75	421	421
312B 93 90	300	124	60	60	421	421	124	60	60	421	421	124	60	60	421	421
321B 93 90	300	124	60	60	421	421	124	60	60	421	421	124	60	60	421	421
330B 93 90	300	125	55	55	411	421	125	55	55	411	421	125	55	55	411	421
339B 93 90	300	125	60	60	421	421	125	60	60	421	421	125	60	60	421	421
348B 93 90	300	124	65	65	421	421	124	65	65	421	421	124	65	65	421	421
357B 93 90	300	121	75	75	421	421	120	85	85	421	421	120	90	90	421	421

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303B 93 90	93	3/8	65	112	102	1/4 X 8	1/4	0	5110	1311	5210
312B 93 90	93	3/8	42	102	102	0 X 0	1/4	0	1511	5210	1411
321B 93 90	93	3/8	42	102	102	0 X 0	1/4	0	5210	1411	5210
330B 93 90	93	3/8	42	102	102	0 X 0	1/4	0	1411	5210	1411
339B 93 90	93	3/8	42	102	102	1/4 X 8	1/4	0	5210	1411	5210
348B 93 90	93	3/8	45	102	102	1/4 X 8	1/4	0	1411	5210	1511
357B 93 90	93	3/8	65	102	112	1/4 X 8	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303B 93 90	92	3/8	65	112	102	1/4 X 8	1/4	0	5110	2310	5210
312B 93 90	92	3/8	42	102	102	1/4 X 8	1/4	0	2510	5210	2410
321B 93 90	92	3/8	42	102	102	0 X 0	1/4	0	5210	2410	5210
330B 93 90	92	3/8	42	102	102	0 X 0	1/4	0	2410	5210	2410
339B 93 90	92	3/8	42	102	102	1/4 X 9	1/4	0	5210	2410	5210
348B 93 90	92	3/8	42	102	102	1/4 X 9	1/4	0	2410	5210	2510
357B 93 90	92	3/8	70	102	112	1/4 X 9	1/4	0	5210	2310	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303B 93 90	91	3/8	65	112	102	1/4 X 9	1/4	0	5110	1311	5210
312B 93 90	91	3/8	42	102	102	1/4 X 8	1/4	0	1511	5210	1411
321B 93 90	91	3/8	42	102	102	1/4 X 8	1/4	0	5210	1411	5210
330B 93 90	91	3/8	42	102	102	1/4 X 8	1/4	0	1411	5210	1411
339B 93 90	91	3/8	42	102	102	1/4 X 9	1/4	0	5210	1411	5210
348B 93 90	91	3/8	42	102	102	1/4 X 9	1/4	0	1411	5210	1511
357B 93 90	91	3/8	70	102	112	1/4 X 9	1/4	0	5210	1311	5110

LIE E. ROBERTSON — REGISTERED PROFESSIONAL ENGINEER — No. 34360 — OF THE STATE OF NEW YORK

4-B1-427

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
403B 93 90	300	120	80	80	421	421	120	75	75	421	421	120	75	75	421	421
412B 93 90	300	120	70	70	411	421	120	70	70	411	421	120	70	70	411	421
421B 93 90	300	120	70	70	411	411	120	70	70	411	411	120	70	70	411	411
430B 93 90	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
439B 93 90	300	120	65	65	411	411	120	65	65	411	411	120	65	65	411	411
448B 93 90	300	120	65	65	411	421	120	65	65	411	421	120	65	65	411	421
457B 93 90	300	120	70	70	421	421	120	70	70	421	421	120	75	75	421	421

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403B 93 90	93	3/8	60	112	102	1/4 X 8	1/4	0	1013	5210	5010
412B 93 90	93	3/8	45	102	102	0 X 0	1/4	0	5210	5010	5210
421B 93 90	93	3/8	45	101	101	0 X 0	1/4	0	5210	1111	5210
430B 93 90	93	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1111
439B 93 90	93	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5210
448B 93 90	93	3/8	42	102	102	0 X 0	1/4	0	5210	5010	5210
457B 93 90	93	3/8	55	102	112	1/4 X 8	1/4	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403B 93 90	92	3/8	60	112	102	1/4 X 8	1/4	0	2010	5210	5010
412B 93 90	92	3/8	46	102	102	0 X 0	1/4	0	5210	5010	5210
421B 93 90	92	3/8	46	101	101	0 X 0	1/4	0	5210	2110	5210
430B 93 90	92	3/8	42	101	101	0 X 0	1/4	0	2110	5210	2110
439B 93 90	92	3/8	45	101	101	0 X 0	1/4	0	5210	2110	5210
448B 93 90	92	3/8	45	102	102	0 X 0	1/4	0	5210	5010	5210
457B 93 90	92	3/8	60	102	112	1/4 X 8	1/4	0	5010	5210	2010

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403B 93 90	91	3/8	65	112	102	1/4 X 9	1/4	0	1013	5210	5010
412B 93 90	91	3/8	50	102	102	0 X 0	1/4	0	5210	5010	5210
421B 93 90	91	3/8	50	101	101	0 X 0	1/4	0	5210	1111	5210
430B 93 90	91	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1111
439B 93 90	91	3/8	45	101	102	0 X 0	1/4	0	5210	1111	5210
448B 93 90	91	3/8	45	102	102	1/4 X 7	1/4	0	5210	5010	5210
457B 93 90	91	3/8	60	102	112	1/4 X 9	1/4	0	5010	5210	1013

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-81-428

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
1008 93 91	210	120	90	90	421	431	520	100	100	0	0	120	100	100	421	431
3008 93 91	210	120	90	90	421	431	520	100	100	0	0	120	100	100	421	431

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
1008 93 91	93	3/8	65	112	112	1/4 X10	1/4	0	5410	5010	1313
3008 93 91	93	3/8	65	112	112	1/4 X 9	1/4	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
1008 93 91	92	3/8	65	112	112	1/4 X10	1/4	0	5410	5010	2310
3008 93 91	92	3/8	65	112	112	1/4 X10	1/4	0	5410	5010	2310

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-B1-429

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
109B 94 91	300	123	65	65	421	421	123	65	65	421	421	124	60	60	421	421
118B 94 91	300	124	60	60	421	421	124	60	60	421	421	124	60	60	421	421
127B 94 91	300	124	60	60	411	421	124	60	60	411	421	124	60	60	411	421
133B 94 91	300	125	60	60	411	421	125	60	60	411	421	125	60	60	421	421
142B 94 91	300	124	65	65	421	421	124	65	65	421	421	124	65	65	421	421
151B 94 91	300	124	65	65	421	421	123	65	65	421	421	123	65	65	421	421

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109B 94 91	94	3/8	42	102	102	0 X 0	1/4	0	5210	1411	5210
118B 94 91	94	3/8	42	102	102	0 X 0	1/4	0	1411	5210	1411
127B 94 91	94	3/8	42	102	102	0 X 0	1/4	0	5110	1411	5210
133B 94 91	94	3/8	42	102	102	0 X 0	1/4	0	5210	1411	5110
142B 94 91	94	3/8	42	102	102	0 X 0	1/4	0	1411	5210	1411
151B 94 91	94	3/8	45	102	102	0 X 0	1/4	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109B 94 91	93	3/8	42	102	102	0 X 0	1/4	0	5210	1411	5210
118B 94 91	93	3/8	42	102	102	0 X 0	1/4	0	1411	5210	1411
127B 94 91	93	3/8	42	102	102	0 X 0	1/4	0	5110	1411	5210
133B 94 91	93	3/8	42	102	102	0 X 0	1/4	0	5210	1411	5110
142B 94 91	93	3/8	45	102	102	1/4 X 8	1/4	0	1411	5210	1411
151B 94 91	93	3/8	45	102	102	1/4 X 8	1/4	0	5210	1411	5210

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
109B 94 91	92	3/8	42	102	102	1/4 X 8	1/4	0	5210	2410	5210
118B 94 91	92	3/8	42	102	102	1/4 X 8	1/4	0	2410	5210	2410
127B 94 91	92	3/8	42	102	102	0 X 0	1/4	0	5110	2410	5210
133B 94 91	92	3/8	42	102	102	1/4 X 8	1/4	0	5210	2410	5110
142B 94 91	92	3/8	42	102	102	1/4 X 9	1/4	0	2410	5210	2410
151B 94 91	92	3/8	45	102	102	1/4 X 8	1/4	0	5210	2410	5210

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

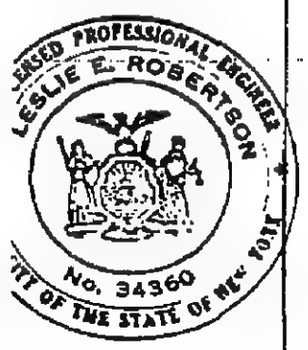
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
2098 94 91	300	120	70	70	411	421	120	70	70	411	421	120	65	65	411	421
2188 94 91	300	120	70	70	411	411	120	65	65	411	411	120	65	65	411	411
2278 94 91	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
2338 94 91	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
2428 94 91	300	120	70	70	411	411	120	70	70	411	411	120	70	70	411	411
2518 94 91	300	120	65	65	411	421	120	70	70	411	421	120	70	70	411	421

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2098 94 91	94	3/8	45	102	102	0 X 0	1/4	0	5010	5210	1212
2188 94 91	94	3/8	45	101	101	0 X 0	1/4	0	1611	5210	1111
2278 94 91	94	3/8	42	101	101	0 X 0	1/4	0	5110	1111	5210
2338 94 91	94	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5110
2428 94 91	94	3/8	45	101	101	0 X 0	1/4	0	1111	5210	1611
2518 94 91	94	3/8	45	101	102	0 X 0	1/4	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2098 94 91	93	3/8	45	102	102	0 X 0	1/4	0	5010	5210	1212
2188 94 91	93	3/8	45	101	101	0 X 0	1/4	0	1611	5210	1111
2278 94 91	93	3/8	42	101	101	0 X 0	1/4	0	5110	1111	5210
2338 94 91	93	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5110
2428 94 91	93	3/8	45	101	101	0 X 0	1/4	0	1111	5210	1611
2518 94 91	93	3/8	45	102	102	0 X 0	1/4	0	1212	5210	5010



PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2098 94 91	92	3/8	46	102	102	1/4 X 7	1/4	0	5010	5210	2210
2188 94 91	92	3/8	46	102	101	0 X 0	1/4	0	2610	5210	2110
2278 94 91	92	3/8	42	101	101	0 X 0	1/4	0	5110	2110	5210
2338 94 91	92	3/8	42	101	101	0 X 0	1/4	0	5210	2110	5110
2428 94 91	92	3/8	46	101	101	0 X 0	1/4	0	2110	5210	2610
2518 94 91	92	3/8	46	102	102	0 X 0	1/4	0	2210	5210	5010

4-81-431

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
309B 94 91	300	123	65	65	421	421	123	60	60	421	421	124	60	60	421	421
318B 94 91	300	124	60	60	411	421	124	60	60	411	421	124	60	60	411	421
327B 94 91	300	124	55	55	411	421	124	55	55	411	421	124	55	55	411	421
333B 94 91	300	125	55	55	411	421	125	55	55	411	421	125	55	55	411	421
342B 94 91	300	124	60	60	421	421	124	60	60	421	421	124	65	65	421	421
351B 94 91	300	124	65	65	421	421	123	65	65	421	421	123	65	65	421	421

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309B 94 91	94	3/8	42	102	102	0 X 0	1/4	0	5210	1411	5210
318B 94 91	94	3/8	42	102	102	0 X 0	1/4	0	1411	5210	1411
327B 94 91	94	3/8	42	102	102	0 X 0	1/4	0	5110	1411	5210
333B 94 91	94	3/8	42	102	102	0 X 0	1/4	0	5210	1411	5110
342B 94 91	94	3/8	42	102	102	0 X 0	1/4	0	1411	5210	1411
351B 94 91	94	3/8	45	102	102	0 X 0	1/4	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309B 94 91	93	3/8	42	102	102	0 X 0	1/4	0	5210	1411	5210
318B 94 91	93	3/8	42	102	102	0 X 0	1/4	0	1411	5210	1411
327B 94 91	93	3/8	42	102	102	0 X 0	1/4	0	5110	1411	5210
333B 94 91	93	3/8	42	102	102	0 X 0	1/4	0	5210	1411	5110
342B 94 91	93	3/8	45	102	102	1/4 X 8	1/4	0	1411	5210	1411
351B 94 91	93	3/8	45	102	102	1/4 X 8	1/4	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309B 94 91	92	3/8	42	102	102	0 X 0	1/4	0	5210	2410	5210
318B 94 91	92	3/8	42	102	102	1/4 X 8	1/4	0	2410	5210	2410
327B 94 91	92	3/8	42	102	102	0 X 0	1/4	0	5110	2410	5210
333B 94 91	92	3/8	36	102	102	1/4 X 8	1/4	0	5210	2410	5110
342B 94 91	92	3/8	42	102	102	1/4 X 8	1/4	0	2410	5210	2410
351B 94 91	92	3/8	45	102	102	1/4 X 8	1/4	0	5210	2410	5210

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — CITY OF THE STATE OF NEW YORK

4-B1-432

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
4098	94	91	300	120	70	70	411	421	120	70	70	411	421	120	70	70	411	421
4186	94	91	300	120	70	70	411	411	120	70	70	411	411	120	70	70	411	411
4276	94	91	300	120	65	65	411	411	120	60	60	411	411	120	60	60	411	411
4336	94	91	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
4426	94	91	300	120	65	65	411	411	120	65	65	411	411	120	65	65	411	411
4518	94	91	300	120	65	65	411	421	120	65	65	411	421	120	65	65	411	421

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
4098	94	91	94	3/8	45	102	102	0 X 0	1/4	0	5010	5210	1212
4188	94	91	94	3/8	45	101	101	0 X 0	1/4	0	1611	5210	1111
4278	94	91	94	3/8	42	101	101	0 X 0	1/4	0	5110	1111	5210
4338	94	91	94	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5110
4428	94	91	94	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1611
4518	94	91	94	3/8	42	102	102	0 X 0	1/4	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
4095	94	91	93	3/8	46	102	102	0 X 0	1/4	0	5010	5210	1212
4188	94	91	93	3/8	46	101	101	0 X 0	1/4	0	1611	5210	1111
4276	94	91	93	3/8	42	101	101	0 X 0	1/4	0	5110	1111	5210
4336	94	91	93	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5110
4426	94	91	93	3/8	45	101	101	0 X 0	1/4	0	1111	5210	1611
4518	94	91	93	3/8	45	102	102	0 X 0	1/4	0	1212	5210	5010

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
4098	94	91	92	3/8	50	102	102	1/4 X 7	1/4	0	5010	5210	2210
4188	94	91	92	3/8	50	102	101	0 X 0	1/4	0	2610	5210	2110
4278	94	91	92	3/8	42	101	101	0 X 0	1/4	0	5110	2110	5210
4338	94	91	92	3/8	42	101	101	0 X 0	1/4	0	5210	2110	5110
4426	94	91	92	3/8	45	101	102	0 X 0	1/4	0	2110	5210	2610
4518	94	91	92	3/8	45	102	102	1/4 X 7	1/4	0	2210	5210	5010

4-B1-433

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
2008	94	92	210	120	100	100	421	431	520	100	100	0	0	120	90	90	421	431
4008	94	92	210	120	100	100	421	431	520	100	100	0	0	120	90	90	421	431

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2008	94	92	94	3/8	65	112	112	1/4 X 9	1/4	0	1313	5010	5610
4008	94	92	94	3/8	65	112	112	1/4 X 9	1/4	0	1313	5010	5610

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2008	94	92	93	3/8	65	112	112	1/4 X10	1/4	0	1313	5010	5610
4008	94	92	93	3/8	65	112	112	1/4 X10	1/4	0	1313	5010	5610

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-81-434

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
106B	95	92	300	122	70	70	411	421	122	65	65	411	421	122	65	65	411	421
115B	95	92	300	123	65	65	411	421	123	65	65	411	421	123	65	65	411	421
124B	95	92	300	123	60	60	411	421	123	60	60	411	421	123	60	60	411	421
136B	95	92	300	124	60	60	411	421	124	60	60	411	421	124	60	60	411	421
145B	95	92	300	123	65	65	421	421	123	65	65	421	421	123	65	65	421	421
154B	95	92	300	122	70	70	421	421	122	70	70	421	421	122	70	70	421	421

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106B	95	92	95	3/8	45	102	102	1/4 X 7	1/4	0	1311	5110	1411
115B	95	92	95	3/8	42	102	102	0 X 0	1/4	0	5110	1411	5110
124B	95	92	95	3/8	42	102	101	0 X 0	1/4	0	1411	5110	1411
136B	95	92	95	3/8	42	102	102	0 X 0	1/4	0	1411	5110	1411
145B	95	92	95	3/8	45	102	102	0 X 0	1/4	0	5110	1411	5110
154B	95	92	95	3/8	50	102	102	1/4 X 8	1/4	0	1411	5110	1311

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106B	95	92	94	3/8	46	102	102	1/4 X 8	1/4	0	1311	5110	1411
115B	95	92	94	3/8	42	102	102	0 X 0	1/4	0	5110	1411	5110
124B	95	92	94	3/8	42	102	102	0 X 0	1/4	0	1411	5110	1411
136B	95	92	94	3/8	42	102	102	0 X 0	1/4	0	1411	5110	1411
145B	95	92	94	3/8	42	102	102	0 X 0	1/4	0	5110	1411	5110
154B	95	92	94	3/8	50	102	102	1/4 X 8	1/4	0	1411	5110	1311

LESLIE E. ROBERTSON — LICENSED PROFESSIONAL ENGINEER — No. 34360 — STATE OF NEW YORK

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106B	95	92	93	3/8	45	102	102	1/4 X 8	1/4	0	1311	5110	1411
115B	95	92	93	3/8	42	102	102	0 X 0	1/4	0	5110	1411	5110
124B	95	92	93	3/8	42	102	102	0 X 0	1/4	0	1411	5110	1411
136B	95	92	93	3/8	42	102	102	1/4 X 8	1/4	0	1411	5110	1411
145B	95	92	93	3/8	45	102	102	1/4 X 8	1/4	0	5110	1411	5110
154B	95	92	93	3/8	46	102	102	1/4 X 9	1/4	0	1411	5110	1311

4-81-435

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
2068 95 92	300	120	65	65	411	421	120	65	65	411	421	120	65	65	411	421
2158 95 92	300	120	65	65	411	411	120	65	65	411	411	120	65	65	411	411
2248 95 92	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
2368 95 92	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
2458 95 92	300	120	65	65	411	411	120	65	65	411	411	120	65	65	411	411
2548 95 92	300	120	65	65	411	421	120	65	65	411	421	120	65	65	411	421

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
206B 95 92	95	3/8	42	102	102	0 X 0	1/4	0	5110	1212	5110
215B 95 92	95	3/8	42	101	101	0 X 0	1/4	0	1212	5510	5110
224B 95 92	95	3/8	42	101	101	0 X 0	1/4	0	1111	5110	1111
236B 95 92	95	3/8	42	101	101	0 X 0	1/4	0	1111	5110	1111
245B 95 92	95	3/8	42	101	101	0 X 0	1/4	0	5110	5310	1212
254B 95 92	95	3/8	42	101	102	0 X 0	1/4	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
206B 95 92	94	3/8	45	102	102	0 X 0	1/4	0	5110	1212	5110
215B 95 92	94	3/8	45	101	101	0 X 0	1/4	0	1212	5510	5110
224B 95 92	94	3/8	42	101	101	0 X 0	1/4	0	1111	5110	1111
236B 95 92	94	3/8	42	101	101	0 X 0	1/4	0	1111	5110	1111
245B 95 92	94	3/8	45	101	101	0 X 0	1/4	0	5110	5310	1212
254B 95 92	94	3/8	45	102	102	0 X 0	1/4	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
206B 95 92	93	3/8	45	102	102	1/4 X 7	1/4	0	5110	1212	5110
215B 95 92	93	3/8	45	102	101	0 X 0	1/4	0	1212	5510	5110
224B 95 92	93	3/8	42	101	101	0 X 0	1/4	0	1111	5110	1111
236B 95 92	93	3/8	42	101	101	0 X 0	1/4	0	1111	5110	1111
245B 95 92	93	3/8	45	101	101	0 X 0	1/4	0	5110	5310	1212
254B 95 92	93	3/8	45	102	102	0 X 0	1/4	0	5110	1212	5110

4-B1-436

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
306B 95 92	300	122	70	70	411	421	122	65	65	411	421	122	65	65	411	421
315B 95 92	300	123	60	60	411	421	123	60	60	411	421	123	60	60	411	421
324B 95 92	300	123	60	60	411	421	123	60	60	411	421	123	60	60	411	421
336B 95 92	300	124	60	60	411	421	124	60	60	411	421	124	60	60	411	421
345B 95 92	300	123	65	65	421	421	123	65	65	421	421	123	65	65	421	421
354B 95 92	300	122	70	70	421	421	122	70	70	421	421	122	70	70	421	421

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306B 95 92	95	3/8	45	102	102	1/4 X 7	1/4	0	1311	5110	1411
315B 95 92	95	3/8	42	102	102	0 X 0	1/4	0	5110	1411	5110
324B 95 92	95	3/8	42	102	101	0 X 0	1/4	0	1411	5110	1411
336B 95 92	95	3/8	42	102	102	0 X 0	1/4	0	1411	5110	1411
345B 95 92	95	3/8	45	102	102	0 X 0	1/4	0	5110	1411	5110
354B 95 92	95	3/8	50	102	102	1/4 X 8	1/4	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306B 95 92	94	3/8	46	102	102	1/4 X 7	1/4	0	1311	5110	1411
315B 95 92	94	3/8	42	102	102	0 X 0	1/4	0	5110	1411	5110
324B 95 92	94	3/8	42	102	102	0 X 0	1/4	0	1411	5110	1411
336B 95 92	94	3/8	42	102	102	0 X 0	1/4	0	1411	5110	1411
345B 95 92	94	3/8	42	102	102	0 X 0	1/4	0	5110	1411	5110
354B 95 92	94	3/8	50	102	102	1/4 X 8	1/4	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306B 95 92	93	3/8	45	102	102	1/4 X 8	1/4	0	1311	5110	1411
315B 95 92	93	3/8	42	102	102	0 X 0	1/4	0	5110	1411	5110
324B 95 92	93	3/8	42	102	102	0 X 0	1/4	0	1411	5110	1411
336B 95 92	93	3/8	42	102	102	0 X 0	1/4	0	1411	5110	1411
345B 95 92	93	3/8	45	102	102	1/4 X 8	1/4	0	5110	1411	5110
354B 95 92	93	3/8	46	102	102	1/4 X 8	1/4	0	1411	5110	1311

4-81-437

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
406B 95 92	300	120	70	70	411	421	120	70	70	411	421	120	70	70	411	421
415B 95 92	300	120	65	65	411	411	120	70	70	411	411	120	70	70	411	411
424B 95 92	300	120	65	65	411	411	120	60	60	411	411	120	60	60	411	411
436B 95 92	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
445B 95 92	300	120	65	65	411	411	120	65	65	411	411	120	65	65	411	411
454B 95 92	300	120	65	65	411	421	120	65	65	411	421	120	65	65	411	421

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406B 95 92	95	3/8	45	102	102	0 X 0	1/4	0	5110	1212	5110
415B 95 92	95	3/8	45	101	101	0 X 0	1/4	0	1212	5510	5110
424B 95 92	95	3/8	42	101	101	0 X 0	1/4	0	1111	5110	1111
436B 95 92	95	3/8	42	101	101	0 X 0	1/4	0	1111	5110	1111
445B 95 92	95	3/8	42	101	101	0 X 0	1/4	0	5110	5310	1212
454B 95 92	95	3/8	42	102	102	0 X 0	1/4	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406B 95 92	94	3/8	45	102	102	0 X 0	1/4	0	5110	1212	5110
415B 95 92	94	3/8	45	101	101	0 X 0	1/4	0	1212	5510	5110
424B 95 92	94	3/8	42	101	101	0 X 0	1/4	0	1111	5110	1111
436B 95 92	94	3/8	42	101	101	0 X 0	1/4	0	1111	5110	1111
445B 95 92	94	3/8	42	101	101	0 X 0	1/4	0	5110	5310	1212
454B 95 92	94	3/8	42	102	102	0 X 0	1/4	0	5110	1212	5110

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
406B 95 92	93	3/8	46	102	102	0 X 0	1/4	0	5110	1212	5110
415B 95 92	93	3/8	46	102	101	0 X 0	1/4	0	1212	5510	5110
424B 95 92	93	3/8	42	101	101	0 X 0	1/4	0	1111	5110	1111
436B 95 92	93	3/8	42	101	101	0 X 0	1/4	0	1111	5110	1111
445B 95 92	93	3/8	45	101	102	0 X 0	1/4	0	5110	5310	1212
454B 95 92	93	3/8	45	102	102	0 X 0	1/4	0	5110	1212	5110

4-81-438

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
1008 95 93	210	120	85	85	421	421	520	90	90	0	0	120	90	90	421	421
3008 95 93	210	120	85	85	421	421	520	90	90	0	0	120	90	90	421	421

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
1008 95 93	95	3/8	60	111	111	1/4 X 8	1/4	0	5410	5010	1313
3008 95 93	95	3/8	60	111	111	1/4 X 8	1/4	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
1008 95 93	94	3/8	60	112	112	1/4 X 9	1/4	0	5410	5010	1313
3008 95 93	94	3/8	60	111	111	1/4 X 9	1/4	0	5410	5010	1313

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-81-439

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
1038 96 93	300	120	75	75	421	421	120	70	70	411	421	120	75	75	411	421
1128 96 93	300	123	65	65	411	421	123	65	65	411	421	123	65	65	411	421
1218 96 93	300	123	60	60	411	421	123	60	60	411	421	123	60	60	411	421
1308 96 93	300	123	60	60	411	411	123	60	60	411	411	124	60	60	411	421
1398 96 93	300	124	60	60	411	421	124	60	60	411	421	123	65	65	411	421
1488 96 93	300	123	65	65	411	421	123	65	65	411	421	123	65	65	411	421
1578 96 93	300	120	80	80	411	421	120	75	75	411	421	120	80	80	421	421

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1038 96 93	96	3/8	55	111	102	1/4 X 7	1/4	0	5110	1311	5210
1128 96 93	96	3/8	42	102	102	0 X 0	1/4	0	1511	5210	1411
1218 96 93	96	3/8	42	102	101	0 X 0	1/4	0	5210	1411	5210
1308 96 93	96	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
1398 96 93	96	3/8	42	102	102	0 X 0	1/4	0	5210	1411	5210
1488 96 93	96	3/8	45	102	102	0 X 0	1/4	0	1411	5210	1511
1578 96 93	96	3/8	60	102	111	1/4 X 7	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1038 96 93	95	3/8	60	111	102	1/4 X 7	1/4	0	5110	1311	5210
1128 96 93	95	3/8	42	102	102	0 X 0	1/4	0	1511	5210	1411
1218 96 93	95	3/8	42	102	102	0 X 0	1/4	0	5210	1411	5210
1308 96 93	95	3/8	42	101	102	0 X 0	1/4	0	1411	5210	1411
1398 96 93	95	3/8	42	102	102	0 X 0	1/4	0	5210	1411	5210
1488 96 93	95	3/8	45	102	102	0 X 0	1/4	0	1411	5210	1511
1578 96 93	95	3/8	60	102	112	1/4 X 8	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1038 96 93	94	3/8	60	112	102	1/4 X 8	1/4	0	5110	1311	5210
1128 96 93	94	3/8	42	102	102	0 X 0	1/4	0	1511	5210	1411
1218 96 93	94	3/8	42	102	102	0 X 0	1/4	0	5210	1411	5210
1308 96 93	94	3/8	42	102	102	0 X 0	1/4	0	1411	5210	1411
1398 96 93	94	3/8	45	102	102	0 X 0	1/4	0	5210	1411	5210
1488 96 93	94	3/8	42	102	102	0 X 0	1/4	0	1411	5210	1511
1578 96 93	94	3/8	65	102	112	1/4 X 8	1/4	0	5210	1311	5110

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-B1-440

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
203B	96	93	300	120	70	70	421	421	120	65	65	411	421	120	65	65	411	421
212B	96	93	300	120	65	65	411	411	120	60	60	411	411	120	60	60	411	411
221B	96	93	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
230B	96	93	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
239B	96	93	300	120	60	60	411	411	120	60	60	411	411	120	65	65	411	411
248B	96	93	300	120	65	65	411	411	120	65	65	411	411	120	65	65	411	411
257B	96	93	300	120	65	65	411	421	120	65	65	411	421	120	70	70	411	421

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
203B	96	93	96	3/8	55	111	102	1/4 X 7	1/4	0	1013	5210	5010
212B	96	93	96	3/8	42	101	101	0 X 0	1/4	0	5210	5010	5210
221B	96	93	96	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5210
230B	96	93	96	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1111
239B	96	93	96	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5210
248B	96	93	96	3/8	42	101	101	0 X 0	1/4	0	5210	5010	5210
257B	96	93	96	3/8	50	101	111	0 X 0	1/4	0	5010	5210	1013

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
203B	96	93	95	3/8	55	112	102	1/4 X 7	1/4	0	1013	5210	5010
212B	96	93	95	3/8	42	102	101	0 X 0	1/4	0	5210	5010	5210
221B	96	93	95	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5210
230B	96	93	95	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1111
239B	96	93	95	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5210
248B	96	93	95	3/8	42	101	101	0 X 0	1/4	0	5210	5010	5210
257B	96	93	95	3/8	55	102	111	1/4 X 7	1/4	0	5010	5210	1013

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
203B	96	93	94	3/8	55	112	102	1/4 X 8	1/4	0	1013	5210	5010
212B	96	93	94	3/8	42	102	101	0 X 0	1/4	0	5210	5010	5210
221B	96	93	94	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5210
230B	96	93	94	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1111
239B	96	93	94	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5210
248B	96	93	94	3/8	42	101	101	0 X 0	1/4	0	5210	5010	5210
257B	96	93	94	3/8	55	102	111	1/4 X 7	1/4	0	5010	5210	1013

4-81-441

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
303B 96 93	300	120	75	75	411	421	120	75	75	411	421	120	75	75	411	421
312B 96 93	300	123	60	60	411	421	123	60	60	411	421	123	60	60	411	421
321B 96 93	300	123	60	60	411	421	123	60	60	411	421	123	60	60	411	421
330B 96 93	300	123	60	60	411	411	123	55	55	411	411	124	55	55	411	411
339B 96 93	300	124	60	60	411	421	124	60	60	411	421	123	60	60	411	421
348B 96 93	300	123	65	65	411	421	123	65	65	411	421	123	65	65	411	421
357B 96 93	300	120	80	80	411	421	120	75	75	411	421	120	80	80	421	421

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303B 96 93	96	3/8	55	111	102	0 X 0	1/4	0	5110	1311	5210
312B 96 93	96	3/8	42	102	102	0 X 0	1/4	0	1511	5210	1411
321B 96 93	96	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
330B 96 93	96	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
339B 96 93	96	3/8	42	102	102	0 X 0	1/4	0	5210	1411	5210
348B 96 93	96	3/8	42	102	102	0 X 0	1/4	0	1411	5210	1511
357B 96 93	96	3/8	60	102	111	1/4 X 7	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303B 96 93	95	3/8	60	111	102	1/4 X 7	1/4	0	5110	1311	5210
312B 96 93	95	3/8	42	102	102	0 X 0	1/4	0	1511	5210	1411
321B 96 93	95	3/8	42	102	102	0 X 0	1/4	0	5210	1411	5210
330B 96 93	95	3/8	42	101	102	0 X 0	1/4	0	1411	5210	1411
339B 96 93	95	3/8	42	102	102	0 X 0	1/4	0	5210	1411	5210
348B 96 93	95	3/8	45	102	102	0 X 0	1/4	0	1411	5210	1511
357B 96 93	95	3/8	60	102	111	1/4 X 7	1/4	0	5210	1311	5110

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
303B 96 93	94	3/8	60	111	102	1/4 X 7	1/4	0	5110	1311	5210
312B 96 93	94	3/8	42	102	102	0 X 0	1/4	0	1511	5210	1411
321B 96 93	94	3/8	42	102	102	0 X 0	1/4	0	5210	1411	5210
330B 96 93	94	3/8	42	102	102	0 X 0	1/4	0	1411	5210	1411
339B 96 93	94	3/8	42	102	102	0 X 0	1/4	0	5210	1411	5210
348B 96 93	94	3/8	42	102	102	0 X 0	1/4	0	1411	5210	1511
357B 96 93	94	3/8	65	102	112	1/4 X 8	1/4	0	5210	1311	5110

4-B1-442

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
4038 96 93	300	120	75	75	421	421	120	65	65	411	421	120	65	65	411	421
4128 96 93	300	120	65	65	411	411	120	65	65	411	411	120	65	65	411	411
4218 96 93	300	120	65	65	411	411	120	65	65	411	411	120	60	60	411	411
4308 96 93	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
4398 96 93	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
4488 96 93	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
4578 96 93	300	120	65	65	411	421	120	65	65	411	421	120	70	70	421	421

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
4038 96 93	96	3/8	55	111	102	0 X 0	1/4	0	1013	5210	5010
4128 96 93	96	3/8	42	101	101	0 X 0	1/4	0	5210	5010	5210
4218 96 93	96	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5210
4308 96 93	96	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1111
4398 96 93	96	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5210
4488 96 93	96	3/8	42	101	101	0 X 0	1/4	0	5210	5010	5210
4578 96 93	96	3/8	50	101	111	0 X 0	1/4	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
4038 96 93	95	3/8	55	111	102	1/4 X 7	1/4	0	1013	5210	5010
4128 96 93	95	3/8	42	101	101	0 X 0	1/4	0	5210	5010	5210
4218 96 93	95	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5210
4308 96 93	95	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1111
4398 96 93	95	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5210
4488 96 93	95	3/8	42	101	101	0 X 0	1/4	0	5210	5010	5210
4578 96 93	95	3/8	55	102	111	1/4 X 7	1/4	0	5010	5210	1013

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
4038 96 93	94	3/8	60	112	102	1/4 X 8	1/4	0	1013	5210	5010
4128 96 93	94	3/8	45	102	101	0 X 0	1/4	0	5210	5010	5210
4218 96 93	94	3/8	45	101	101	0 X 0	1/4	0	5210	1111	5210
4308 96 93	94	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1111
4398 96 93	94	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5210
4488 96 93	94	3/8	42	101	102	0 X 0	1/4	0	5210	5010	5210
4578 96 93	94	3/8	55	102	112	1/4 X 7	1/4	0	5010	5210	1013

4-81-443

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
200B	96	94	210	120	90	90	421	421	520	90	90	0	0	120	85	85	421	421
400B	96	94	210	120	90	90	421	421	520	90	90	0	0	120	85	85	421	421

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200B	96	94	96	3/8	60	111	111	1/4 X 8	1/4	0	1313	5010	5610
400B	96	94	96	3/8	60	111	111	1/4 X 8	1/4	0	1313	5010	5610

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200B	96	94	95	3/8	60	112	112	1/4 X 9	1/4	0	1313	5010	5610
400B	96	94	95	3/8	60	111	111	1/4 X 9	1/4	0	1313	5010	5610

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-81-444

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
109B 97 94	300	122	65	65	411	421	122	65	65	411	421	122	65	65	411	421
118B 97 94	300	122	65	65	411	421	122	65	65	411	421	122	65	65	411	421
127B 97 94	300	122	60	60	411	411	122	65	65	411	411	123	60	60	411	411
133B 97 94	300	123	60	60	411	411	123	60	60	411	411	123	60	60	411	421
142B 97 94	300	123	65	65	411	421	123	65	65	411	421	122	70	70	411	421
151B 97 94	300	122	70	70	411	421	122	70	70	411	421	122	70	70	411	421

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109B 97 94	97	3/8	45	101	101	0 X 0	1/4	0	5210	1411	5210
118B 97 94	97	3/8	45	101	101	0 X 0	1/4	0	1411	5210	1411
127B 97 94	97	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5210
133B 97 94	97	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5110
142B 97 94	97	3/8	46	102	102	0 X 0	1/4	0	1411	5210	1411
151B 97 94	97	3/8	46	102	102	0 X 0	1/4	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109B 97 94	96	3/8	45	102	102	0 X 0	1/4	0	5210	1411	5210
118B 97 94	96	3/8	42	102	102	0 X 0	1/4	0	1411	5210	1411
127B 97 94	96	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5210
133B 97 94	96	3/8	42	101	102	0 X 0	1/4	0	5210	1411	5110
142B 97 94	96	3/8	45	102	102	1/4 X 7	1/4	0	1411	5210	1411
151B 97 94	96	3/8	50	102	102	1/4 X 7	1/4	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109B 97 94	95	3/8	42	102	102	1/4 X 7	1/4	0	5210	1411	5210
118B 97 94	95	3/8	42	102	102	1/4 X 7	1/4	0	1411	5210	1411
127B 97 94	95	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5210
133B 97 94	95	3/8	42	102	102	0 X 0	1/4	0	5210	1411	5110
142B 97 94	95	3/8	45	102	102	1/4 X 8	1/4	0	1411	5210	1411
151B 97 94	95	3/8	45	102	102	1/4 X 8	1/4	0	5210	1411	5210

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-81-445

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
209B	97	94	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
218B	97	94	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
227B	97	94	300	120	55	55	411	411	120	55	55	411	411	120	50	50	411	411
233B	97	94	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
242B	97	94	300	120	60	60	411	411	120	60	60	411	411	120	65	65	411	411
251B	97	94	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209B	97	94	97	3/8	42	101	101	0 X 0	1/4	0	5010	5210	1212
218B	97	94	97	3/8	42	101	101	0 X 0	1/4	0	1611	5210	1111
227B	97	94	97	3/8	36	101	101	0 X 0	1/4	0	5110	1111	5210
233B	97	94	97	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5110
242B	97	94	97	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1611
251B	97	94	97	3/8	42	101	101	0 X 0	1/4	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209B	97	94	96	3/8	42	101	101	0 X 0	1/4	0	5010	5210	1212
218B	97	94	96	3/8	42	101	101	0 X 0	1/4	0	1611	5210	1111
227B	97	94	96	3/8	36	101	101	0 X 0	1/4	0	5110	1111	5210
233B	97	94	96	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5110
242B	97	94	96	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1611
251B	97	94	96	3/8	42	101	101	0 X 0	1/4	0	1212	5210	5010

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
209B	97	94	95	3/8	42	102	102	0 X 0	1/4	0	5010	5210	1212
218B	97	94	95	3/8	42	101	101	0 X 0	1/4	0	1611	5210	1111
227B	97	94	95	3/8	36	101	101	0 X 0	1/4	0	5110	1111	5210
233B	97	94	95	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5110
242B	97	94	95	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1611
251B	97	94	95	3/8	42	101	101	0 X 0	1/4	0	1212	5210	5010

4-B1-446

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

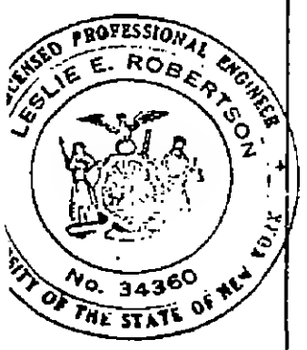
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
309B 97 94	300	122	65	65	411	421	122	65	65	411	421	122	65	65	411	421
318B 97 94	300	122	60	60	411	411	122	60	60	411	411	122	60	60	411	411
327B 97 94	300	122	60	60	411	411	122	60	60	411	411	123	55	55	411	411
333B 97 94	300	123	55	55	411	411	123	60	60	411	411	123	60	60	411	411
342B 97 94	300	123	65	65	411	421	123	65	65	411	421	122	65	65	411	421
351B 97 94	300	122	65	65	411	421	122	65	65	411	421	122	70	70	411	421

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309B 97 94	97	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
318B 97 94	97	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
327B 97 94	97	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5210
333B 97 94	97	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5110
342B 97 94	97	3/8	45	101	102	0 X 0	1/4	0	1411	5210	1411
351B 97 94	97	3/8	45	102	102	0 X 0	1/4	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309B 97 94	96	3/8	45	102	102	0 X 0	1/4	0	5210	1411	5210
318B 97 94	96	3/8	42	102	101	0 X 0	1/4	0	1411	5210	1411
327B 97 94	96	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5210
333B 97 94	96	3/8	42	101	102	0 X 0	1/4	0	5210	1411	5110
342B 97 94	96	3/8	42	102	102	1/4 X 7	1/4	0	1411	5210	1411
351B 97 94	96	3/8	46	102	102	1/4 X 7	1/4	0	5210	1411	5210



PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309B 97 94	95	3/8	42	102	102	1/4 X 7	1/4	0	5210	1411	5210
318B 97 94	95	3/8	42	102	102	0 X 0	1/4	0	1411	5210	1411
327B 97 94	95	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5210
333B 97 94	95	3/8	42	102	102	0 X 0	1/4	0	5210	1411	5110
342B 97 94	95	3/8	45	102	102	1/4 X 7	1/4	0	1411	5210	1411
351B 97 94	95	3/8	45	102	102	1/4 X 8	1/4	0	5210	1411	5210

4-81-447

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
409B	97	94	300	120	65	65	411	411	120	65	65	411	411	120	60	60	411	411
418B	97	94	300	120	65	65	411	411	120	65	65	411	411	120	65	65	411	411
427B	97	94	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
433B	97	94	300	120	50	50	411	411	120	55	55	411	411	120	55	55	411	411
442B	97	94	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
451B	97	94	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409B	97	94	97	3/8	42	101	101	0 X 0	1/4	0	5010	5210	1212
418B	97	94	97	3/8	42	101	101	0 X 0	1/4	0	1611	5210	1111
427B	97	94	97	3/8	36	101	101	0 X 0	1/4	0	5110	1111	5210
433B	97	94	97	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5110
442B	97	94	97	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1611
451B	97	94	97	3/8	42	101	101	0 X 0	1/4	0	1212	5210	5010

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409B	97	94	96	3/8	42	101	101	0 X 0	1/4	0	5010	5210	1212
418B	97	94	96	3/8	42	101	101	0 X 0	1/4	0	1611	5210	1111
427B	97	94	96	3/8	42	101	101	0 X 0	1/4	0	5110	1111	5210
433B	97	94	96	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5110
442B	97	94	96	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1611
451B	97	94	96	3/8	42	101	101	0 X 0	1/4	0	1212	5210	5010

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
STATE OF NEW YORK

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
409B	97	94	95	3/8	42	102	101	0 X 0	1/4	0	5010	5210	1212
418B	97	94	95	3/8	45	101	101	0 X 0	1/4	0	1611	5210	1111
427B	97	94	95	3/8	42	101	101	0 X 0	1/4	0	5110	1111	5210
433B	97	94	95	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5110
442B	97	94	95	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1611
451B	97	94	95	3/8	42	101	102	0 X 0	1/4	0	1212	5210	5010

4-81-448

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
100B 97 95	210	120	75	75	421	421	520	80	80	0	0	120	80	80	421	421
300B 97 95	210	120	80	80	421	421	520	80	80	0	0	120	80	80	421	421

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100B 97 95	97	3/8	55	111	111	1/4 X 7	1/4	0	5410	5010	1313
300B 97 95	97	3/8	55	111	111	1/4 X 7	1/4	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100B 97 95	96	3/8	55	111	111	1/4 X 8	1/4	0	5410	5010	1313
300B 97 95	96	3/8	55	111	111	1/4 X 8	1/4	0	5410	5010	1313

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF N.Y.

4-B1-449

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1				COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
106B 98 95	300	121	70	70	411	411	121	70	70	411	411	121	70	70	411	411
115B 98 95	300	122	65	65	411	411	122	65	65	411	411	122	65	65	411	411
124B 98 95	300	122	65	65	411	411	122	65	65	411	411	122	60	60	411	411
136B 98 95	300	123	60	60	411	411	123	60	60	411	411	123	60	60	411	411
145B 98 95	300	122	70	70	411	421	122	70	70	411	421	122	70	70	411	421
154B 98 95	300	121	70	70	411	421	121	75	75	411	421	121	75	75	411	421

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106B 98 95	98	3/8	46	101	101	0 X 0	1/4	0	1311	5110	1411
115B 98 95	98	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5110
124B 98 95	98	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
136B 98 95	98	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
145B 98 95	98	3/8	45	101	101	0 X 0	1/4	0	5110	1411	5110
154B 98 95	98	3/8	50	101	101	0 X 0	1/4	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106B 98 95	97	3/8	50	101	101	0 X 0	1/4	0	1311	5110	1411
115B 98 95	97	3/8	45	101	101	0 X 0	1/4	0	5110	1411	5110
124B 98 95	97	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
136B 98 95	97	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
145B 98 95	97	3/8	46	102	102	0 X 0	1/4	0	5110	1411	5110
154B 98 95	97	3/8	50	102	102	0 X 0	1/4	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106B 98 95	96	3/8	45	102	102	0 X 0	1/4	0	1311	5110	1411
115B 98 95	96	3/8	42	102	102	0 X 0	1/4	0	5110	1411	5110
124B 98 95	96	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
136B 98 95	96	3/8	42	102	102	0 X 0	1/4	0	1411	5110	1411
145B 98 95	96	3/8	45	102	102	1/4 X 7	1/4	0	5110	1411	5110
154B 98 95	96	3/8	46	102	102	1/4 X 7	1/4	0	1411	5110	1311

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-B1-450

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
206B 98 95	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
215B 98 95	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
224B 98 95	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
236B 98 95	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
245B 98 95	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
254B 98 95	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
206B 98 95	98	3/8	42	101	101	0 X 0	1/4	0	5110	1212	5110
215B 98 95	98	3/8	42	101	101	0 X 0	1/4	0	1212	5510	5110
224B 98 95	98	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
236B 98 95	98	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
245B 98 95	98	3/8	42	101	101	0 X 0	1/4	0	5110	5310	1212
254B 98 95	98	3/8	42	101	101	0 X 0	1/4	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
206B 98 95	97	3/8	42	101	101	0 X 0	1/4	0	5110	1212	5110
215B 98 95	97	3/8	42	101	101	0 X 0	1/4	0	1212	5510	5110
224B 98 95	97	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
236B 98 95	97	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
245B 98 95	97	3/8	42	101	101	0 X 0	1/4	0	5110	5310	1212
254B 98 95	97	3/8	42	101	101	0 X 0	1/4	0	5110	1212	5110

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
206B 98 95	96	3/8	42	102	101	0 X 0	1/4	0	5110	1212	5110
215B 98 95	96	3/8	42	101	101	0 X 0	1/4	0	1212	5510	5110
224B 98 95	96	3/8	42	101	101	0 X 0	1/4	0	1111	5110	1111
236B 98 95	96	3/8	42	101	101	0 X 0	1/4	0	1111	5110	1111
245B 98 95	96	3/8	42	101	101	0 X 0	1/4	0	5110	5310	1212
254B 98 95	96	3/8	42	101	101	0 X 0	1/4	0	5110	1212	5110

4-81-451

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	C1 FY1	C1 FY2	C1 CSU	C1 CSL	COLUMN 2 TYPE	C2 FY1	C2 FY2	C2 CSU	C2 CSL	COLUMN 3 TYPE	C3 FY1	C3 FY2	C3 CSU	C3 CSL
3068 98 95	300	121	70	70	411	411	121	70	70	411	411	121	65	65	411	411
3158 98 95	300	122	65	65	411	411	122	65	65	411	411	122	65	65	411	411
3248 98 95	300	122	60	60	411	411	122	60	60	411	411	122	60	60	411	411
3368 98 95	300	123	60	60	411	411	123	60	60	411	411	123	60	60	411	411
3458 98 95	300	122	65	65	411	421	122	65	65	411	421	122	65	65	411	421
3548 98 95	300	121	70	70	411	421	121	75	75	411	421	121	75	75	411	421

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
3068 98 95	98	3/8	45	101	101	0 X 0	1/4	0	1311	5110	1411
3158 98 95	98	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5110
3248 98 95	98	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
3368 98 95	98	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
3458 98 95	98	3/8	45	101	101	0 X 0	1/4	0	5110	1411	5110
3548 98 95	98	3/8	50	101	101	0 X 0	1/4	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
3068 98 95	97	3/8	46	101	101	0 X 0	1/4	0	1311	5110	1411
3158 98 95	97	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5110
3248 98 95	97	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
3368 98 95	97	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
3458 98 95	97	3/8	45	102	102	0 X 0	1/4	0	5110	1411	5110
3548 98 95	97	3/8	50	102	102	0 X 0	1/4	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
3068 98 95	96	3/8	45	102	102	0 X 0	1/4	0	1311	5110	1411
3158 98 95	96	3/8	42	102	102	0 X 0	1/4	0	5110	1411	5110
3248 98 95	96	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
3368 98 95	96	3/8	42	102	102	0 X 0	1/4	0	1411	5110	1411
3458 98 95	96	3/8	42	102	102	1/4 X 7	1/4	0	5110	1411	5110
3548 98 95	96	3/8	46	102	102	0 X 0	1/4	0	1411	5110	1311

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-B1-452

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
406B 98 95	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
415B 98 95	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
424B 98 95	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
436B 98 95	300	120	50	50	411	411	120	55	55	411	411	120	55	55	411	411
445B 98 95	300	120	60	60	411	411	120	60	60	411	411	120	55	55	411	411
454B 98 95	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
406B 98 95	98	3/8	42	101	101	0 X 0	1/4	0	5110	1212	5110
415B 98 95	98	3/8	42	101	101	0 X 0	1/4	0	1212	5510	5110
424B 98 95	98	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
436B 98 95	98	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
445B 98 95	98	3/8	36	101	101	0 X 0	1/4	0	5110	5310	1212
454B 98 95	98	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
406B 98 95	97	3/8	42	101	101	0 X 0	1/4	0	5110	1212	5110
415B 98 95	97	3/8	42	101	101	0 X 0	1/4	0	1212	5510	5110
424B 98 95	97	3/8	42	101	101	0 X 0	1/4	0	1111	5110	1111
436B 98 95	97	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
445B 98 95	97	3/8	42	101	101	0 X 0	1/4	0	5110	5310	1212
454B 98 95	97	3/8	42	101	101	0 X 0	1/4	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
406B 98 95	96	3/8	42	102	101	0 X 0	1/4	0	5110	1212	5110
415B 98 95	96	3/8	42	101	101	0 X 0	1/4	0	1212	5510	5110
424B 98 95	96	3/8	42	101	101	0 X 0	1/4	0	1111	5110	1111
436B 98 95	96	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
445B 98 95	96	3/8	42	101	101	0 X 0	1/4	0	5110	5310	1212
454B 98 95	96	3/8	42	101	101	0 X 0	1/4	0	5110	1212	5110

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-81-453

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER			PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
				TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
2008	98	96	210	120	85	85	421	421	520	85	85	0	0	120	75	75	421	421
4008	98	96	210	120	85	85	421	421	520	85	85	0	0	120	75	75	421	421

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2008	98	96	98	3/8	55	111	111	1/4 X 7	1/4	0	1313	5010	5610
4008	98	96	98	3/8	55	111	111	1/4 X 7	1/4	0	1313	5010	5610

PANEL NUMBER			FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
				T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
200B	98	96	97	3/8	60	111	111	1/4 X 8	1/4	0	1313	5010	5610
400B	98	96	97	3/8	60	111	111	1/4 X 8	1/4	0	1313	5010	5610

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

4-81-454

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
103B 99 96	300	120	70	70	411	421	120	65	65	411	411	120	65	65	411	411
112B 99 96	300	121	65	65	411	411	121	65	65	411	411	121	65	65	411	411
121B 99 96	300	121	65	65	411	411	121	65	65	411	411	121	65	65	411	411
130B 99 96	300	122	60	60	411	411	122	60	60	411	411	122	60	60	411	411
139B 99 96	300	122	65	65	411	411	122	65	65	411	411	122	65	65	411	411
148B 99 96	300	121	70	70	411	411	121	70	70	411	411	121	70	70	411	411
157B 99 96	300	120	70	70	411	411	120	70	70	411	411	120	70	70	411	421

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103B 99 96	99	3/8	50	111	101	0 X 0	1/4	0	5110	1311	5210
112B 99 96	99	3/8	45	101	101	0 X 0	1/4	0	1511	5210	1411
121B 99 96	99	3/8	45	101	101	0 X 0	1/4	0	5210	1411	5210
130B 99 96	99	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
139B 99 96	99	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
148B 99 96	99	3/8	50	101	101	0 X 0	1/4	0	1411	5210	1511
157B 99 96	99	3/8	55	101	111	0 X 0	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103B 99 96	98	3/8	50	111	101	0 X 0	1/4	0	5110	1311	5210
112B 99 96	98	3/8	42	101	101	0 X 0	1/4	0	1511	5210	1411
121B 99 96	98	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
130B 99 96	98	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
139B 99 96	98	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
148B 99 96	98	3/8	45	101	101	0 X 0	1/4	0	1411	5210	1511
157B 99 96	98	3/8	55	101	111	0 X 0	1/4	0	5210	1311	5110

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103B 99 96	97	3/8	55	111	101	0 X 0	1/4	0	5110	1311	5210
112B 99 96	97	3/8	45	101	101	0 X 0	1/4	0	1511	5210	1411
121B 99 96	97	3/8	45	101	101	0 X 0	1/4	0	5210	1411	5210
130B 99 96	97	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
139B 99 96	97	3/8	42	101	102	0 X 0	1/4	0	5210	1411	5210
148B 99 96	97	3/8	46	102	102	0 X 0	1/4	0	1411	5210	1511
157B 99 96	97	3/8	55	102	111	0 X 0	1/4	0	5210	1311	5110

4-81-455

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
2038 99 96	300	120	65	65	411	421	120	60	60	411	411	120	60	60	411	411
2128 99 96	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
2218 99 96	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
2308 99 96	300	120	50	50	411	411	120	50	50	411	411	120	50	50	411	411
2398 99 96	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
2488 99 96	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
2578 99 96	300	120	60	60	411	411	120	60	60	411	411	120	65	65	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2038 99 96	99	3/8	46	111	101	0 X 0	1/4	0	1013	5210	5010
2128 99 96	99	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
2218 99 96	99	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
2308 99 96	99	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1111
2398 99 96	99	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
2488 99 96	99	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
2578 99 96	99	3/8	46	101	111	0 X 0	1/4	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2038 99 96	98	3/8	50	111	101	0 X 0	1/4	0	1013	5210	5010
2128 99 96	98	3/8	42	101	101	0 X 0	1/4	0	5210	5010	5210
2218 99 96	98	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
2308 99 96	98	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1111
2398 99 96	98	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
2488 99 96	98	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
2578 99 96	98	3/8	46	101	111	0 X 0	1/4	0	5010	5210	1013

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2038 99 96	97	3/8	50	111	101	0 X 0	1/4	0	1013	5210	5010
2128 99 96	97	3/8	42	101	101	0 X 0	1/4	0	5210	5010	5210
2218 99 96	97	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5210
2308 99 96	97	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1111
2398 99 96	97	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5210
2488 99 96	97	3/8	42	101	101	0 X 0	1/4	0	5210	5010	5210
2578 99 96	97	3/8	50	101	111	0 X 0	1/4	0	5010	5210	1013

4-B1-456

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
303B 99 96	300	120	70	70	411	411	120	65	65	411	411	120	65	65	411	411
312B 99 96	300	121	65	65	411	411	121	65	65	411	411	121	65	65	411	411
321B 99 96	300	121	65	65	411	411	121	65	65	411	411	121	65	65	411	411
330B 99 96	300	122	60	60	411	411	122	55	55	411	411	122	60	60	411	411
339B 99 96	300	122	60	60	411	411	122	60	60	411	411	122	60	60	411	411
348B 99 96	300	121	70	70	411	411	121	70	70	411	411	121	70	70	411	411
357B 99 96	300	120	70	70	411	411	120	70	70	411	411	120	70	70	411	421

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303B 99 96	99	3/8	50	111	101	0 X 0	1/4	0	5110	1311	5210
312B 99 96	99	3/8	45	101	101	0 X 0	1/4	0	1511	5210	1411
321B 99 96	99	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
330B 99 96	99	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
339B 99 96	99	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
348B 99 96	99	3/8	46	101	101	0 X 0	1/4	0	1411	5210	1511
357B 99 96	99	3/8	50	101	111	0 X 0	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303B 99 96	98	3/8	50	111	101	0 X 0	1/4	0	5110	1311	5210
312B 99 96	98	3/8	42	101	101	0 X 0	1/4	0	1511	5210	1411
321B 99 96	98	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
330B 99 96	98	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
339B 99 96	98	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
348B 99 96	98	3/8	45	101	101	0 X 0	1/4	0	1411	5210	1511
357B 99 96	98	3/8	55	101	111	0 X 0	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303B 99 96	97	3/8	55	111	101	0 X 0	1/4	0	5110	1311	5210
312B 99 96	97	3/8	42	101	101	0 X 0	1/4	0	1511	5210	1411
321B 99 96	97	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
330B 99 96	97	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
339B 99 96	97	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
348B 99 96	97	3/8	45	102	102	0 X 0	1/4	0	1411	5210	1511
357B 99 96	97	3/8	55	102	111	0 X 0	1/4	0	5210	1311	5110

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-81-457

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
403B 99 96	300	120	65	65	411	421	120	60	60	411	411	120	60	60	411	411
412B 99 96	300	120	60	60	411	411	120	55	55	411	411	120	60	60	411	411
421B 99 96	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
430B 99 96	300	120	50	50	411	411	120	50	50	411	411	120	50	50	411	411
439B 99 96	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
448B 99 96	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
457B 99 96	300	120	55	55	411	411	120	55	55	411	411	120	60	60	411	421

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403B 99 96	99	3/8	46	111	101	0 X 0	1/4	0	1013	5210	5010
412B 99 96	99	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
421B 99 96	99	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
430B 99 96	99	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1111
439B 99 96	99	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
448B 99 96	99	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
457B 99 96	99	3/8	46	101	111	0 X 0	1/4	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403B 99 96	98	3/8	50	111	101	0 X 0	1/4	0	1013	5210	5010
412B 99 96	98	3/8	42	101	101	0 X 0	1/4	0	5210	5010	5210
421B 99 96	98	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5210
430B 99 96	98	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1111
439B 99 96	98	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
448B 99 96	98	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
457B 99 96	98	3/8	46	101	111	0 X 0	1/4	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
403B 99 96	97	3/8	50	111	101	0 X 0	1/4	0	1013	5210	5010
412B 99 96	97	3/8	42	101	101	0 X 0	1/4	0	5210	5010	5210
421B 99 96	97	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5210
430B 99 96	97	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1111
439B 99 96	97	3/8	42	101	101	0 X 0	1/4	0	5210	1111	5210
448B 99 96	97	3/8	42	101	101	0 X 0	1/4	0	5210	5010	5210
457B 99 96	97	3/8	50	101	111	0 X 0	1/4	0	5010	5210	1013

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-81-458

WORTHINGTON, SKILLING, HELLE & JACKSON · Civil & Structural Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
1008 99 97	210	120	70	70	411	421	520	75	75	0	0	120	75	75	411	421
3008 99 97	210	120	70	70	411	421	520	75	75	0	0	120	75	75	411	421

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
1008 99 97	99	3/8	50	111	111	0 X 0	1/4	0	5410	5010	1313
3008 99 97	99	3/8	50	111	111	0 X 0	1/4	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
1008 99 97	98	3/8	55	111	111	1/4 X 7	1/4	0	5410	5010	1313
3008 99 97	98	3/8	55	111	111	0 X 0	1/4	0	5410	5010	1313

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

4-61-459

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
1096 100 97	300	120	70	70	411	411	121	65	65	411	411	121	65	65	411	411
1186 100 97	300	121	65	65	411	411	121	65	65	411	411	121	65	65	411	411
1278 100 97	300	121	65	65	411	411	121	60	60	411	411	121	65	65	411	411
1338 100 97	300	122	60	60	411	411	122	60	60	411	411	122	60	60	411	411
1428 100 97	300	121	65	65	411	411	121	65	65	411	411	121	65	65	411	411
1518 100 97	300	121	70	70	411	411	121	70	70	411	411	120	70	70	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
1098 100 97	100	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
1188 100 97	100	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
1278 100 97	100	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5210
1338 100 97	100	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5110
1428 100 97	100	3/8	45	101	101	0 X 0	1/4	0	1411	5210	1411
1518 100 97	100	3/8	45	101	101	0 X 0	1/4	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
1098 100 97	99	3/8	45	101	101	0 X 0	1/4	0	5210	1411	5210
1188 100 97	99	3/8	45	101	101	0 X 0	1/4	0	1411	5210	1411
1278 100 97	99	3/8	45	101	101	0 X 0	1/4	0	5110	1411	5210
1338 100 97	99	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5110
1428 100 97	99	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
1518 100 97	99	3/8	50	101	101	0 X 0	1/4	0	5210	1411	5210

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PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
1098 100 97	98	3/8	46	101	101	0 X 0	1/4	0	5210	1411	5210
1188 100 97	98	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
1278 100 97	98	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5210
1338 100 97	98	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5110
1428 100 97	98	3/8	45	101	101	0 X 0	1/4	0	1411	5210	1411
1518 100 97	98	3/8	50	101	101	0 X 0	1/4	0	5210	1411	5210

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
209B 100 97	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
218B 100 97	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
227B 100 97	300	120	50	50	411	411	120	46	46	411	411	120	45	45	411	411
233B 100 97	300	120	50	50	411	411	120	50	50	411	411	120	50	50	411	411
242B 100 97	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
251B 100 97	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209B 100 97	100	3/8	36	101	101	0 X 0	1/4	0	5010	5210	1212
218B 100 97	100	3/8	36	101	101	0 X 0	1/4	0	1611	5210	1111
227B 100 97	100	3/8	36	101	101	0 X 0	1/4	0	5110	1111	5210
233B 100 97	100	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5110
242B 100 97	100	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1611
251B 100 97	100	3/8	36	101	101	0 X 0	1/4	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2098 100 97	99	3/8	36	101	101	0 X 0	1/4	0	5010	5210	1212
2188 100 97	99	3/8	36	101	101	0 X 0	1/4	0	1611	5210	1111
2278 100 97	99	3/8	36	101	101	0 X 0	1/4	0	5110	1111	5210
2338 100 97	99	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5110
2428 100 97	99	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1611
2518 100 97	99	3/8	36	101	101	0 X 0	1/4	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANUREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2098 100 97	98	3/8	42	101	101	0 X 0	1/4	0	5010	5210	1212
2188 100 97	98	3/8	42	101	101	0 X 0	1/4	0	1611	5210	1111
2278 100 97	98	3/8	36	101	101	0 X 0	1/4	0	5110	1111	5210
2338 100 97	98	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5110
2428 100 97	98	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1611
2518 100 97	98	3/8	36	101	101	0 X 0	1/4	0	1212	5210	5010

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
3098 100 97	300	120	70	70	411	411	121	65	65	411	411	121	65	65	411	411
3188 100 97	300	121	65	65	411	411	121	65	65	411	411	121	65	65	411	411
3278 100 97	300	121	60	60	411	411	121	60	60	411	411	121	60	60	411	411
3338 100 97	300	122	60	60	411	411	122	60	60	411	411	122	60	60	411	411
3428 100 97	300	121	65	65	411	411	121	65	65	411	411	121	65	65	411	411
3518 100 97	300	121	70	70	411	411	121	70	70	411	411	120	70	70	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
3098 100 97	100	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
3188 100 97	100	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
3278 100 97	100	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5210
3338 100 97	100	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5110
3428 100 97	100	3/8	45	101	101	0 X 0	1/4	0	1411	5210	1411
3518 100 97	100	3/8	45	101	101	0 X 0	1/4	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
3098 100 97	99	3/8	45	101	101	0 X 0	1/4	0	5210	1411	5210
3188 100 97	99	3/8	45	101	101	0 X 0	1/4	0	1411	5210	1411
3278 100 97	99	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5210
3338 100 97	99	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5110
3428 100 97	99	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
3518 100 97	99	3/8	46	101	101	0 X 0	1/4	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
3098 100 97	98	3/8	46	101	101	0 X 0	1/4	0	5210	1411	5210
3188 100 97	98	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
3278 100 97	98	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5210
3338 100 97	98	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5110
3428 100 97	98	3/8	45	101	101	0 X 0	1/4	0	1411	5210	1411
3518 100 97	98	3/8	50	101	101	0 X 0	1/4	0	5210	1411	5210

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

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PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
409B 100 97	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
418B 100 97	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
427B 100 97	300	120	50	50	411	411	120	50	50	411	411	120	50	50	411	411
433B 100 97	300	120	45	45	411	411	120	45	45	411	411	120	46	46	411	411
442B 100 97	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
451B 100 97	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
409B 100 97	100	3/8	36	101	101	0 X 0	1/4	0	5010	5210	1212
418B 100 97	100	3/8	36	101	101	0 X 0	1/4	0	1611	5210	1111
427B 100 97	100	3/8	36	101	101	0 X 0	1/4	0	5110	1111	5210
433B 100 97	100	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5110
442B 100 97	100	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1611
451B 100 97	100	3/8	36	101	101	0 X 0	1/4	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
409B 100 97	99	3/8	36	101	101	0 X 0	1/4	0	5010	5210	1212
418B 100 97	99	3/8	36	101	101	0 X 0	1/4	0	1611	5210	1111
427B 100 97	99	3/8	36	101	101	0 X 0	1/4	0	5110	1111	5210
433B 100 97	99	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5110
442B 100 97	99	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1611
451B 100 97	99	3/8	36	101	101	0 X 0	1/4	0	1212	5210	5010

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
409B 100 97	98	3/8	42	101	101	0 X 0	1/4	0	5010	5210	1212
418B 100 97	98	3/8	42	101	101	0 X 0	1/4	0	1611	5210	1111
427B 100 97	98	3/8	36	101	101	0 X 0	1/4	0	5110	1111	5210
433B 100 97	98	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5110
442B 100 97	98	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1611
451B 100 97	98	3/8	36	101	101	0 X 0	1/4	0	1212	5210	5010

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

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PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
200B 100 98	210	120	75	75	411	421	520	75	75	0	0	120	70	70	411	421
400B 100 98	210	120	75	75	411	421	520	75	75	0	0	120	70	70	411	421

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
200B 100 98	100	3/8	50	111	111	0 X 0	1/4	0	1313	5010	5610
400B 100 98	100	3/8	50	111	111	0 X 0	1/4	0	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
200B 100 98	99	3/8	55	111	111	0 X 0	1/4	0	1313	5010	5610
400B 100 98	99	3/8	55	111	111	0 X 0	1/4	0	1313	5010	5610

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

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WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

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PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
106B 101 98	300	120	65	65	411	411	120	65	65	411	411	120	65	65	411	411
115B 101 98	300	120	65	65	411	411	120	65	65	411	411	120	65	65	411	411
124B 101 98	300	120	65	65	411	411	120	65	65	411	411	120	65	65	411	411
136B 101 98	300	121	65	65	411	411	121	65	65	411	411	121	65	65	411	411
145B 101 98	300	120	70	70	411	411	120	70	70	411	411	120	70	70	411	411
154B 101 98	300	120	70	70	411	411	120	70	70	411	411	120	70	70	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106B 101 98	101	3/8	42	101	101	0 X 0	1/4	0	1311	5110	1411
115B 101 98	101	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5110
124B 101 98	101	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
136B 101 98	101	3/8	45	101	101	0 X 0	1/4	0	1411	5110	1411
145B 101 98	101	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5110
154B 101 98	101	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106B 101 98	100	3/8	42	101	101	0 X 0	1/4	0	1311	5110	1411
115B 101 98	100	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5110
124B 101 98	100	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
136B 101 98	100	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
145B 101 98	100	3/8	45	101	101	0 X 0	1/4	0	5110	1411	5110
154B 101 98	100	3/8	45	101	101	0 X 0	1/4	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
106B 101 98	99	3/8	45	101	101	0 X 0	1/4	0	1311	5110	1411
115B 101 98	99	3/8	45	101	101	0 X 0	1/4	0	5110	1411	5110
124B 101 98	99	3/8	45	101	101	0 X 0	1/4	0	1411	5110	1411
136B 101 98	99	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
145B 101 98	99	3/8	50	101	101	0 X 0	1/4	0	5110	1411	5110
154B 101 98	99	3/8	46	101	101	0 X 0	1/4	0	1411	5110	1311

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

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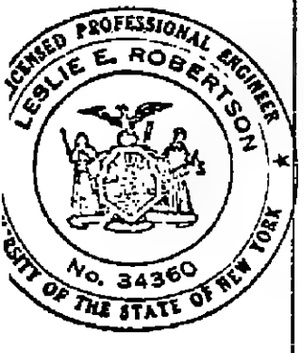
PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
206B 101 98	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
215B 101 98	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
224B 101 98	300	120	50	50	411	411	120	46	46	411	411	120	46	46	411	411
236B 101 98	300	120	50	50	411	411	120	50	50	411	411	120	50	50	411	411
245B 101 98	300	120	55	55	411	411	120	55	55	411	411	120	50	50	411	411
254B 101 98	300	120	50	50	411	411	120	55	55	411	411	120	55	55	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
206B 101 98	101	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110
215B 101 98	101	3/8	36	101	101	0 X 0	1/4	0	1212	5510	5110
224B 101 98	101	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
236B 101 98	101	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
245B 101 98	101	3/8	36	101	101	0 X 0	1/4	0	5110	5310	1212
254B 101 98	101	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
206B 101 98	100	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110
215B 101 98	100	3/8	36	101	101	0 X 0	1/4	0	1212	5510	5110
224B 101 98	100	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
236B 101 98	100	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
245B 101 98	100	3/8	36	101	101	0 X 0	1/4	0	5110	5310	1212
254B 101 98	100	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110



PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
206B 101 98	99	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110
215B 101 98	99	3/8	36	101	101	0 X 0	1/4	0	1212	5510	5110
224B 101 98	99	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
236B 101 98	99	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
245B 101 98	99	3/8	36	101	101	0 X 0	1/4	0	5110	5310	1212
254B 101 98	99	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110

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WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
306B 101 98	300	120	65	65	411	411	120	65	65	411	411	120	65	65	411	411
315B 101 98	300	120	65	65	411	411	120	65	65	411	411	120	65	65	411	411
324B 101 98	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
336B 101 98	300	121	60	60	411	411	121	60	60	411	411	121	60	60	411	411
345B 101 98	300	120	70	70	411	411	120	70	70	411	411	120	70	70	411	411
354B 101 98	300	120	70	70	411	411	120	65	65	411	411	120	65	65	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306B 101 98	101	3/8	42	101	101	0 X 0	1/4	0	1311	5110	1411
315B 101 98	101	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5110
324B 101 98	101	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
336B 101 98	101	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
345B 101 98	101	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5110
354B 101 98	101	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306B 101 98	100	3/8	42	101	101	0 X 0	1/4	0	1311	5110	1411
315B 101 98	100	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5110
324B 101 98	100	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
336B 101 98	100	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
345B 101 98	100	3/8	45	101	101	0 X 0	1/4	0	5110	1411	5110
354B 101 98	100	3/8	45	101	101	0 X 0	1/4	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306B 101 98	99	3/8	45	101	101	0 X 0	1/4	0	1311	5110	1411
315B 101 98	99	3/8	45	101	101	0 X 0	1/4	0	5110	1411	5110
324B 101 98	99	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
336B 101 98	99	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
345B 101 98	99	3/8	46	101	101	0 X 0	1/4	0	5110	1411	5110
354B 101 98	99	3/8	46	101	101	0 X 0	1/4	0	1411	5110	1311

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-81-467

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

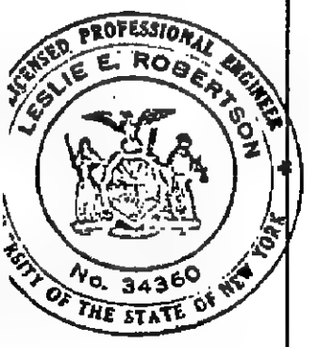
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
406B 101 98	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
415B 101 98	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
424B 101 98	300	120	50	50	411	411	120	50	50	411	411	120	50	50	411	411
436B 101 98	300	120	45	45	411	411	120	46	46	411	411	120	46	46	411	411
445B 101 98	300	120	50	50	411	411	120	50	50	411	411	120	50	50	411	411
454B 101 98	300	120	50	50	411	411	120	50	50	411	411	120	50	50	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406B 101 98	101	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110
415B 101 98	101	3/8	36	101	101	0 X 0	1/4	0	1212	5510	5110
424B 101 98	101	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
436B 101 98	101	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
445B 101 98	101	3/8	36	101	101	0 X 0	1/4	0	5110	5310	1212
454B 101 98	101	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406B 101 98	100	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110
415B 101 98	100	3/8	36	101	101	0 X 0	1/4	0	1212	5510	5110
424B 101 98	100	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
436B 101 98	100	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
445B 101 98	100	3/8	36	101	101	0 X 0	1/4	0	5110	5310	1212
454B 101 98	100	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110



PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406B 101 98	99	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110
415B 101 98	99	3/8	36	101	101	0 X 0	1/4	0	1212	5510	5110
424B 101 98	99	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
436B 101 98	99	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
445B 101 98	99	3/8	36	101	101	0 X 0	1/4	0	5110	5310	1212
454B 101 98	99	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110

4-B1-468

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
100B 101 99	210	120	65	65	411	411	520	70	70	0	0	120	70	70	411	411
300B 101 99	210	120	65	65	411	411	520	70	70	0	0	120	70	70	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100B 101 99	101	3/8	50	111	111	0 X 0	1/4	0	5410	5010	1313
300B 101 99	101	3/8	50	111	111	0 X 0	1/4	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100B 101 99	100	3/8	50	111	111	0 X 0	1/4	0	5410	5010	1313
300B 101 99	100	3/8	50	111	111	0 X 0	1/4	0	5410	5010	1313

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-B1-469

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
103B 102 99	300	120	60	60	411	411	120	55	55	411	411	120	60	60	411	411
112B 102 99	300	120	65	65	411	411	120	65	65	411	411	120	65	65	411	411
121B 102 99	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
130B 102 99	300	120	65	65	411	411	121	60	60	411	411	121	60	60	411	411
139B 102 99	300	121	65	65	411	411	121	65	65	411	411	121	65	65	411	411
148B 102 99	300	120	65	65	411	411	120	65	65	411	411	120	65	65	411	411
157B 102 99	300	120	65	65	411	411	120	60	60	411	411	120	65	65	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103B 102 99	102	3/8	42	111	101	0 X 0	1/4	0	5110	1311	5210
112B 102 99	102	3/8	42	101	101	0 X 0	1/4	0	1511	5210	1411
121B 102 99	102	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
130B 102 99	102	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
139B 102 99	102	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
148B 102 99	102	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1511
157B 102 99	102	3/8	45	101	111	0 X 0	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103B 102 99	101	3/8	45	111	101	0 X 0	1/4	0	5110	1311	5210
112B 102 99	101	3/8	42	101	101	0 X 0	1/4	0	1511	5210	1411
121B 102 99	101	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
130B 102 99	101	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
139B 102 99	101	3/8	45	101	101	0 X 0	1/4	0	5210	1411	5210
148B 102 99	101	3/8	45	101	101	0 X 0	1/4	0	1411	5210	1511
157B 102 99	101	3/8	46	101	111	0 X 0	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103B 102 99	100	3/8	46	111	101	0 X 0	1/4	0	5110	1311	5210
112B 102 99	100	3/8	42	101	101	0 X 0	1/4	0	1511	5210	1411
121B 102 99	100	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
130B 102 99	100	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
139B 102 99	100	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
148B 102 99	100	3/8	45	101	101	0 X 0	1/4	0	1411	5210	1511
157B 102 99	100	3/8	50	101	111	0 X 0	1/4	0	5210	1311	5110

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-81-470

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
203B 102 99	300	120	60	60	411	411	120	55	55	411	411	120	50	50	411	411
212B 102 99	300	120	50	50	411	411	120	50	50	411	411	120	50	50	411	411
221B 102 99	300	120	50	50	411	411	120	50	50	411	411	120	46	46	411	411
230B 102 99	300	120	42	42	411	411	120	42	42	411	411	120	42	42	411	411
239B 102 99	300	120	46	46	411	411	120	50	50	411	411	120	50	50	411	411
248B 102 99	300	120	50	50	411	411	120	50	50	411	411	120	50	50	411	411
257B 102 99	300	120	50	50	411	411	120	50	50	411	411	120	55	55	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
203B 102 99	102	3/8	46	111	101	0 X 0	1/4	0	1013	5210	5010
212B 102 99	102	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
221B 102 99	102	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
230B 102 99	102	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1111
239B 102 99	102	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
248B 102 99	102	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
257B 102 99	102	3/8	46	101	111	0 X 0	1/4	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
203B 102 99	101	3/8	46	111	101	0 X 0	1/4	0	1013	5210	5010
212B 102 99	101	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
221B 102 99	101	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
230B 102 99	101	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1111
239B 102 99	101	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
248B 102 99	101	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
257B 102 99	101	3/8	46	101	111	0 X 0	1/4	0	5010	5210	1013

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
203B 102 99	100	3/8	46	111	101	0 X 0	1/4	0	1013	5210	5010
212B 102 99	100	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
221B 102 99	100	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
230B 102 99	100	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1111
239B 102 99	100	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
248B 102 99	100	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
257B 102 99	100	3/8	46	101	111	0 X 0	1/4	0	5010	5210	1013

4-81-471

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
303B 102 99	300	120	60	60	411	411	120	55	55	411	411	120	60	60	411	411
312B 102 99	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
321B 102 99	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
330B 102 99	300	120	60	60	411	411	121	60	60	411	411	121	60	60	411	411
339B 102 99	300	121	60	60	411	411	121	65	65	411	411	121	65	65	411	411
348B 102 99	300	120	65	65	411	411	120	65	65	411	411	120	65	65	411	411
357B 102 99	300	120	60	60	411	411	120	60	60	411	411	120	65	65	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303B 102 99	102	3/8	42	111	101	0 X 0	1/4	0	5110	1311	5210
312B 102 99	102	3/8	42	101	101	0 X 0	1/4	0	1511	5210	1411
321B 102 99	102	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210
330B 102 99	102	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
339B 102 99	102	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
348B 102 99	102	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1511
357B 102 99	102	3/8	42	101	111	0 X 0	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303B 102 99	101	3/8	42	111	101	0 X 0	1/4	0	5110	1311	5210
312B 102 99	101	3/8	42	101	101	0 X 0	1/4	0	1511	5210	1411
321B 102 99	101	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
330B 102 99	101	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
339B 102 99	101	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
348B 102 99	101	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1511
357B 102 99	101	3/8	46	101	111	0 X 0	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303B 102 99	100	3/8	46	111	101	0 X 0	1/4	0	5110	1311	5210
312B 102 99	100	3/8	42	101	101	0 X 0	1/4	0	1511	5210	1411
321B 102 99	100	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
330B 102 99	100	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
339B 102 99	100	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
348B 102 99	100	3/8	45	101	101	0 X 0	1/4	0	1411	5210	1511
357B 102 99	100	3/8	50	101	111	0 X 0	1/4	0	5210	1311	5110

4-81-472

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
403B 102 99	300	120	60	60	411	411	120	50	50	411	411	120	50	50	411	411
412B 102 99	300	120	50	50	411	411	120	50	50	411	411	120	50	50	411	411
421B 102 99	300	120	50	50	411	411	120	50	50	411	411	120	50	50	411	411
430B 102 99	300	120	45	45	411	411	120	42	42	411	411	120	42	42	411	411
439B 102 99	300	120	45	45	411	411	120	46	46	411	411	120	46	46	411	411
448B 102 99	300	120	46	46	411	411	120	46	46	411	411	120	46	46	411	411
457B 102 99	300	120	50	50	411	411	120	50	50	411	411	120	55	55	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403B 102 99	102	3/8	46	111	101	0 X 0	1/4	0	1013	5210	5010
412B 102 99	102	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
421B 102 99	102	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
430B 102 99	102	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1111
439B 102 99	102	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
448B 102 99	102	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
457B 102 99	102	3/8	46	101	111	0 X 0	1/4	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403B 102 99	101	3/8	46	111	101	0 X 0	1/4	0	1013	5210	5010
412B 102 99	101	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
421B 102 99	101	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
430B 102 99	101	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1111
439B 102 99	101	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
448B 102 99	101	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
457B 102 99	101	3/8	46	101	111	0 X 0	1/4	0	5010	5210	1013

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403B 102 99	100	3/8	46	111	101	0 X 0	1/4	0	1013	5210	5010
412B 102 99	100	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
421B 102 99	100	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
430B 102 99	100	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1111
439B 102 99	100	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
448B 102 99	100	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
457B 102 99	100	3/8	46	101	111	0 X 0	1/4	0	5010	5210	1013

4-B1-473

WORTHINGTON, SKILLING, HELLE & JACKSON | Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
200B 102 100	210	120	70	70	411	411	520	70	70	0	0	120	65	65	411	411
400B 102 100	210	120	70	70	411	411	520	70	70	0	0	120	65	65	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
200B 102 100	102	3/8	50	111	111	0 X 0	1/4	0	1313	5010	5610
400B 102 100	102	3/8	50	111	111	0 X 0	1/4	0	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPD FY4	SPD SCL	SPD SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	SEAT COL 2	SEAT COL 3
200B 102 100	101	3/8	50	111	111	0 X 0	1/4	0	1313	5010	5610
400B 102 100	101	3/8	50	111	111	0 X 0	1/4	0	1313	5010	5610

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 CITY OF THE STATE OF NEW YORK

4-B1-474

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
109B 103 100	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
118B 103 100	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
127B 103 100	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
133B 103 100	300	120	60	60	411	411	120	60	60	411	411	120	65	65	411	411
142B 103 100	300	120	65	65	411	411	120	65	65	411	411	120	65	65	411	411
151B 103 100	300	120	65	65	411	411	120	65	65	411	411	120	65	65	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109B 103 100	103	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210
118B 103 100	103	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1411
127B 103 100	103	3/8	36	101	101	0 X 0	1/4	0	5110	1411	5210
133B 103 100	103	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5110
142B 103 100	103	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
151B 103 100	103	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109B 103 100	102	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
118B 103 100	102	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
127B 103 100	102	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5210
133B 103 100	102	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5110
142B 103 100	102	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
151B 103 100	102	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
109B 103 100	101	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
118B 103 100	101	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
127B 103 100	101	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5210
133B 103 100	101	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5110
142B 103 100	101	3/8	45	101	101	0 X 0	1/4	0	1411	5210	1411
151B 103 100	101	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210

4-B1-475

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
209B 103 100	300	120	50	50	411	411	120	46	46	411	411	120	46	46	411	411
218B 103 100	300	120	50	50	411	411	120	46	46	411	411	120	46	46	411	411
227B 103 100	300	120	42	42	411	411	120	42	42	411	411	120	42	42	411	411
233B 103 100	300	120	42	42	411	411	120	42	42	411	411	120	42	42	411	411
242B 103 100	300	120	45	45	411	411	120	46	46	411	411	120	46	46	411	411
251B 103 100	300	120	45	45	411	411	120	45	45	411	411	120	45	45	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209B 103 100	103	3/8	36	101	101	0 X 0	1/4	0	5010	5210	1212
218B 103 100	103	3/8	36	101	101	0 X 0	1/4	0	1611	5210	1111
227B 103 100	103	3/8	36	101	101	0 X 0	1/4	0	5110	1111	5210
233B 103 100	103	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5110
242B 103 100	103	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1611
251B 103 100	103	3/8	36	101	101	0 X 0	1/4	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209B 103 100	102	3/8	36	101	101	0 X 0	1/4	0	5010	5210	1212
218B 103 100	102	3/8	36	101	101	0 X 0	1/4	0	1611	5210	1111
227B 103 100	102	3/8	36	101	101	0 X 0	1/4	0	5110	1111	5210
233B 103 100	102	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5110
242B 103 100	102	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1611
251B 103 100	102	3/8	36	101	101	0 X 0	1/4	0	1212	5210	5010

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
209B 103 100	101	3/8	36	101	101	0 X 0	1/4	0	5010	5210	1212
218B 103 100	101	3/8	36	101	101	0 X 0	1/4	0	1611	5210	1111
227B 103 100	101	3/8	36	101	101	0 X 0	1/4	0	5110	1111	5210
233B 103 100	101	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5110
242B 103 100	101	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1611
251B 103 100	101	3/8	36	101	101	0 X 0	1/4	0	1212	5210	5010

4-81-476

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
309B 103 100	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
318B 103 100	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
327B 103 100	300	120	55	55	411	411	120	55	55	411	411	120	60	60	411	411
333B 103 100	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
342B 103 100	300	120	65	65	411	411	120	60	60	411	411	120	60	60	411	411
351B 103 100	300	120	65	65	411	411	120	65	65	411	411	120	60	60	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309B 103 100	103	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210
318B 103 100	103	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1411
327B 103 100	103	3/8	36	101	101	0 X 0	1/4	0	5110	1411	5210
333B 103 100	103	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5110
342B 103 100	103	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
351B 103 100	103	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309B 103 100	102	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
318B 103 100	102	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
327B 103 100	102	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5210
333B 103 100	102	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5110
342B 103 100	102	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
351B 103 100	102	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
309B 103 100	101	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
318B 103 100	101	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
327B 103 100	101	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5210
333B 103 100	101	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5110
342B 103 100	101	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
351B 103 100	101	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210

4-B1-477

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
409B 103 100	300	120	50	50	411	411	120	50	50	411	411	120	50	50	411	411
418B 103 100	300	120	50	50	411	411	120	50	50	411	411	120	50	50	411	411
427B 103 100	300	120	45	45	411	411	120	42	42	411	411	120	42	42	411	411
433B 103 100	300	120	42	42	411	411	120	42	42	411	411	120	42	42	411	411
442B 103 100	300	120	45	45	411	411	120	45	45	411	411	120	46	46	411	411
451B 103 100	300	120	45	45	411	411	120	45	45	411	411	120	45	45	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
409B 103 100	103	3/8	36	101	101	0 X 0	1/4	0	5010	5210	1212
418B 103 100	103	3/8	36	101	101	0 X 0	1/4	0	1611	5210	1111
427B 103 100	103	3/8	36	101	101	0 X 0	1/4	0	5110	1111	5210
433B 103 100	103	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5110
442B 103 100	103	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1611
451B 103 100	103	3/8	36	101	101	0 X 0	1/4	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
409B 103 100	102	3/8	36	101	101	0 X 0	1/4	0	5010	5210	1212
418B 103 100	102	3/8	36	101	101	0 X 0	1/4	0	1611	5210	1111
427B 103 100	102	3/8	36	101	101	0 X 0	1/4	0	5110	1111	5210
433B 103 100	102	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5110
442B 103 100	102	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1611
451B 103 100	102	3/8	36	101	101	0 X 0	1/4	0	1212	5210	5010

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
409B 103 100	101	3/8	36	101	101	0 X 0	1/4	0	5010	5210	1212
418B 103 100	101	3/8	36	101	101	0 X 0	1/4	0	1611	5210	1111
427B 103 100	101	3/8	36	101	101	0 X 0	1/4	0	5110	1111	5210
433B 103 100	101	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5110
442B 103 100	101	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1611
451B 103 100	101	3/8	36	101	101	0 X 0	1/4	0	1212	5210	5010

4-81-478

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
100B 103 101	210	120	60	60	411	411	520	60	60	0	0	120	60	60	411	411
300B 103 101	210	120	60	60	411	411	520	60	60	0	0	120	60	60	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100B 103 101	103	3/8	50	111	111	0 X 0	1/4	0	5410	5010	1313
300B 103 101	103	3/8	50	111	111	0 X 0	1/4	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100B 103 101	102	3/8	50	111	111	0 X 0	1/4	0	5410	5010	1313
300B 103 101	102	3/8	50	111	111	0 X 0	1/4	0	5410	5010	1313

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 THE STATE OF NEW YORK

4-81-479

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
106B 104 101	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
115B 104 101	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
124B 104 101	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
136B 104 101	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
145B 104 101	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
154B 104 101	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	1311	5110	1411
115B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	5110	1411	5110
124B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	1411	5110	1411
136B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	1411	5110	1411
145B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	5110	1411	5110
154B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106B 104 101	103	3/8	36	101	101	0 X 0	1/4	0	1311	5110	1411
115B 104 101	103	3/8	36	101	101	0 X 0	1/4	0	5110	1411	5110
124B 104 101	103	3/8	36	101	101	0 X 0	1/4	0	1411	5110	1411
136B 104 101	103	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
145B 104 101	103	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5110
154B 104 101	103	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1311

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106B 104 101	102	3/8	42	101	101	0 X 0	1/4	0	1311	5110	1411
115B 104 101	102	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5110
124B 104 101	102	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
136B 104 101	102	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
145B 104 101	102	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5110
154B 104 101	102	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1311

4-B1-480

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
206B 104 101	300	120	45	45	411	411	120	45	45	411	411	120	45	45	411	411
215B 104 101	300	120	45	45	411	411	120	45	45	411	411	120	45	45	411	411
224B 104 101	300	120	42	42	411	411	120	42	42	411	411	120	42	42	411	411
236B 104 101	300	120	42	42	411	411	120	42	42	411	411	120	42	42	411	411
245B 104 101	300	120	45	45	411	411	120	45	45	411	411	120	45	45	411	411
254B 104 101	300	120	45	45	411	411	120	45	45	411	411	120	45	45	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
206B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110
215B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	1212	5510	5110
224B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
236B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
245B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	5110	5310	1212
254B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
206B 104 101	103	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110
215B 104 101	103	3/8	36	101	101	0 X 0	1/4	0	1212	5510	5110
224B 104 101	103	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
236B 104 101	103	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
245B 104 101	103	3/8	36	101	101	0 X 0	1/4	0	5110	5310	1212
254B 104 101	103	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
206B 104 101	102	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110
215B 104 101	102	3/8	36	101	101	0 X 0	1/4	0	1212	5510	5110
224B 104 101	102	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
236B 104 101	102	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
245B 104 101	102	3/8	36	101	101	0 X 0	1/4	0	5110	5310	1212
254B 104 101	102	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 STATE OF NEW YORK

4-21-481

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
306B 104 101	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
315B 104 101	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
324B 104 101	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
336B 104 101	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
345B 104 101	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411
354B 104 101	300	120	60	60	411	411	120	60	60	411	411	120	60	60	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	1311	5110	1411
315B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	5110	1411	5110
324B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	1411	5110	1411
336B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	1411	5110	1411
345B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	5110	1411	5110
354B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306B 104 101	103	3/8	36	101	101	0 X 0	1/4	0	1311	5110	1411
315B 104 101	103	3/8	36	101	101	0 X 0	1/4	0	5110	1411	5110
324B 104 101	103	3/8	36	101	101	0 X 0	1/4	0	1411	5110	1411
336B 104 101	103	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
345B 104 101	103	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5110
354B 104 101	103	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1311

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306B 104 101	102	3/8	42	101	101	0 X 0	1/4	0	1311	5110	1411
315B 104 101	102	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5110
324B 104 101	102	3/8	36	101	101	0 X 0	1/4	0	1411	5110	1411
336B 104 101	102	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1411
345B 104 101	102	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5110
354B 104 101	102	3/8	42	101	101	0 X 0	1/4	0	1411	5110	1311

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-81-482

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE EXTERIOR WALL PANEL SCHEDULE | DATE 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
406B 104 101	300	120	45	45	411	411	120	45	45	411	411	120	45	45	411	411
415B 104 101	300	120	45	45	411	411	120	45	45	411	411	120	45	45	411	411
424B 104 101	300	120	42	42	411	411	120	42	42	411	411	120	42	42	411	411
436B 104 101	300	120	42	42	411	411	120	42	42	411	411	120	42	42	411	411
445B 104 101	300	120	45	45	411	411	120	45	45	411	411	120	42	42	411	411
454B 104 101	300	120	45	45	411	411	120	45	45	411	411	120	45	45	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110
415B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	1212	5510	5110
424B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
436B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
445B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	5110	5310	1212
454B 104 101	104	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406B 104 101	103	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110
415B 104 101	103	3/8	36	101	101	0 X 0	1/4	0	1212	5510	5110
424B 104 101	103	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
436B 104 101	103	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
445B 104 101	103	3/8	36	101	101	0 X 0	1/4	0	5110	5310	1212
454B 104 101	103	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
406B 104 101	102	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110
415B 104 101	102	3/8	36	101	101	0 X 0	1/4	0	1212	5510	5110
424B 104 101	102	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
436B 104 101	102	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
445B 104 101	102	3/8	36	101	101	0 X 0	1/4	0	5110	5310	1212
454B 104 101	102	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

4-81-483

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1					COLUMN 2					COLUMN 3				
		TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL	TYPE	FY1	FY2	CSU	CSL
2008 104 102	210	120	60	60	411	411	520	60	60	0	0	120	55	55	411	411
4008 104 102	210	120	60	60	411	411	520	60	60	0	0	120	55	55	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2008 104 102	104	3/8	50	111	111	0 X 0	1/4	0	1313	5010	5610
4008 104 102	104	3/8	50	111	111	0 X 0	1/4	0	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE				WELDMENTS			SEAT DETAIL		
		T4	FY4	SCL	SCR	NO 5	NO 6	NO 7	COL 1	COL 2	COL 3
2008 104 102	103	3/8	50	111	111	0 X 0	1/4	0	1313	5010	5610
4008 104 102	103	3/8	50	111	111	0 X 0	1/4	0	1313	5010	5610

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
REGISTERED TO PRACTICE IN THE STATE OF NEW YORK

4-81-484

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — **Structural & Civil Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 9-2-69

REVISIONS

	PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	C1 FY1	C1 FY2	C1 CSU	C1 CSL	COLUMN 2 TYPE	C2 FY1	C2 FY2	C2 CSU	C2 CSL	COLUMN 3 TYPE	C3 FY1	C3 FY2	C3 CSU	C3 CSL
	1038 105 102	300	120	50	50	411	411	120	50	50	411	411	120	50	50	411	411
	1128 105 102	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
	1218 105 102	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
6	1308 105 102	300	(122)	55	55	411	411	(122)	55	55	411	411	(122)	55	55	411	411
	1398 105 102	300	120	55	55	411	411	120	60	60	411	411	120	55	55	411	411
	1488 105 102	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
	1578 105 102	300	120	55	55	411	411	120	50	50	411	411	120	55	55	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1038 105 102	105	3/8	42	111	101	0 X 0	1/4	0	5110	1311	5210
1128 105 102	105	3/8	36	101	101	0 X 0	1/4	0	1511	5210	1411
1218 105 102	105	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210
1308 105 102	105	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1411
1398 105 102	105	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210
1488 105 102	105	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1511
1578 105 102	105	3/8	42	101	111	0 X 0	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1036 105 102	104	3/8	42	111	101	0 X 0	1/4	0	5110	1311	5210
1126 105 102	104	3/8	36	101	101	0 X 0	1/4	0	1511	5210	1411
1216 105 102	104	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210
1306 105 102	104	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1411
1396 105 102	104	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210
1486 105 102	104	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1511
1576 105 102	104	3/8	42	101	111	0 X 0	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1035 105 102	103	3/8	42	111	101	0 X 0	1/4	0	5110	1311	5210
1126 105 102	103	3/8	36	101	101	0 X 0	1/4	0	1511	5210	1411
1216 105 102	103	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210
1306 105 102	103	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
1396 105 102	103	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
1486 105 102	103	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1511
1576 105 102	103	3/8	42	101	111	0 X 0	1/4	0	5210	1311	5110

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-81-485

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — **Structural & Civil Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 9-2-69

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	C1 FY1	C1 FY2	C1 CSU	C1 CSL	COLUMN 2 TYPE	C2 FY1	C2 FY2	C2 CSU	C2 CSL	COLUMN 3 TYPE	C3 FY1	C3 FY2	C3 CSU	C3 CSL
2038 105 102	300	120	50	50	411	411	120	45	45	411	411	120	45	45	411	411
2128 105 102	300	120	42	42	411	411	120	42	42	411	411	120	42	42	411	411
2218 105 102	300	120	42	42	411	411	120	42	42	411	411	120	42	42	411	411
2308 105 102	300	122	36	36	411	411	122	36	36	411	411	122	36	36	411	411
2398 105 102	300	120	42	42	411	411	120	42	42	411	411	120	42	42	411	411
2488 105 102	300	120	42	42	411	411	120	42	42	411	411	120	42	42	411	411
2578 105 102	300	120	42	42	411	411	120	42	42	411	411	120	46	46	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2038 105 102	105	3/8	46	111	101	0 X 0	1/4	0	1013	5210	5010
2128 105 102	105	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
2218 105 102	105	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
2308 105 102	105	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1111
2398 105 102	105	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
2488 105 102	105	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
2578 105 102	105	3/8	46	101	111	0 X 0	1/4	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2038 105 102	104	3/8	46	111	101	0 X 0	1/4	0	1013	5210	5010
2128 105 102	104	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
2218 105 102	104	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
2308 105 102	104	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1111
2398 105 102	104	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
2488 105 102	104	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
2578 105 102	104	3/8	46	101	111	0 X 0	1/4	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2038 105 102	103	3/8	46	111	101	0 X 0	1/4	0	1013	5210	5010
2128 105 102	103	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
2218 105 102	103	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
2308 105 102	103	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1111
2398 105 102	103	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
2488 105 102	103	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
2578 105 102	103	3/8	46	101	111	0 X 0	1/4	0	5010	5210	1013

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-81-486

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 9-2-(

REVISIONS

	PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
	303B 105 102	300	120	50	50	411	411	120	46	46	411	411	120	50	50	411	411
	312B 105 102	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
	321B 105 102	300	120	50	50	411	411	120	50	50	411	411	120	50	50	411	411
6	330B 105 102	300	(122)	55	55	411	411	(122)	55	55	411	411	(122)	55	55	411	411
	339B 105 102	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
	348B 105 102	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
	357B 105 102	300	120	55	55	411	411	120	50	50	411	411	120	55	55	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303B 105 102	105	3/8	42	111	101	0 X 0	1/4	0	5110	1311	5210
312B 105 102	105	3/8	36	101	101	0 X 0	1/4	0	1511	5210	1411
321B 105 102	105	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210
330B 105 102	105	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1411
339B 105 102	105	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210
348B 105 102	105	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1511
357B 105 102	105	3/8	42	101	111	0 X 0	1/4	0	5210	1311	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303B 105 102	104	3/8	42	111	101	0 X 0	1/4	0	5110	1311	5210
312B 105 102	104	3/8	36	101	101	0 X 0	1/4	0	1511	5210	1411
321B 105 102	104	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210
330B 105 102	104	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1411
339B 105 102	104	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210
348B 105 102	104	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1511
357B 105 102	104	3/8	42	101	111	0 X 0	1/4	0	5210	1311	5110

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303B 105 102	103	3/8	42	111	101	0 X 0	1/4	0	5110	1311	5210
312B 105 102	103	3/8	36	101	101	0 X 0	1/4	0	1511	5210	1411
321B 105 102	103	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210
330B 105 102	103	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1411
339B 105 102	103	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5210
348B 105 102	103	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1511
357B 105 102	103	3/8	42	101	111	0 X 0	1/4	0	5210	1311	5110

4-81-487

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 9-2-69

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
403B 105 102	300	120	50	50	411	411	120	45	45	411	411	120	45	45	411	411
412B 105 102	300	120	42	42	411	411	120	42	42	411	411	120	42	42	411	411
421B 105 102	300	120	42	42	411	411	120	42	42	411	411	120	42	42	411	411
6 430B 105 102	300	122	42	42	411	411	122	36	36	411	411	122	36	36	411	411
439B 105 102	300	120	42	42	411	411	120	42	42	411	411	120	42	42	411	411
448B 105 102	300	120	42	42	411	411	120	42	42	411	411	120	42	42	411	411
457B 105 102	300	120	42	42	411	411	120	42	42	411	411	120	46	46	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403B 105 102	105	3/8	46	111	101	0 X 0	1/4	0	1013	5210	5010
412B 105 102	105	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
421B 105 102	105	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
430B 105 102	105	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1111
439B 105 102	105	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
448B 105 102	105	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
457B 105 102	105	3/8	46	101	111	0 X 0	1/4	0	5010	5210	1013

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403B 105 102	104	3/8	46	111	101	0 X 0	1/4	0	1013	5210	5010
412B 105 102	104	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
421B 105 102	104	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
430B 105 102	104	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1111
439B 105 102	104	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
448B 105 102	104	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
457B 105 102	104	3/8	46	101	111	0 X 0	1/4	0	5010	5210	1013

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
403B 105 102	103	3/8	46	111	101	0 X 0	1/4	0	1013	5210	5010
412B 105 102	103	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
421B 105 102	103	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
430B 105 102	103	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1111
439B 105 102	103	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
448B 105 102	103	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
457B 105 102	103	3/8	46	101	111	0 X 0	1/4	0	5010	5210	1013

4-81-488

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
100B 105 103	210	120	50	50	411	411	520	55	55	0	0	120	55	55	411	411
300B 105 103	210	120	50	50	411	411	520	55	55	0	0	120	55	55	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100B 105 103	105	3/8	50	111	111	0 X 0	1/4	0	5410	5010	1313
300B 105 103	105	3/8	50	111	111	0 X 0	1/4	0	5410	5010	1313

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
100B 105 103	104	3/8	50	111	111	0 X 0	1/4	0	5410	5010	1313
300B 105 103	104	3/8	50	111	111	0 X 0	1/4	0	5410	5010	1313

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — THE STATE OF NEW YORK

4-B1-489

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 9-2-69

REVISIONS

	PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
6	1098 106 103	300	122	50	50	411	411	122	50	50	411	411	122	50	50	411	411
	1188 106 103	300	120	50	50	411	411	120	50	50	411	411	120	50	50	411	411
6	1278 106 103	300	122	50	50	411	411	122	50	50	411	411	122	50	50	411	411
6	1338 106 103	300	122	55	55	411	411	122	55	55	411	411	122	55	55	411	411
	1428 106 103	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
6	1516 106 103	300	122	55	55	411	411	122	55	55	411	411	122	55	55	411	411

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	1098 106 103	106	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210
	1188 106 103	106	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1411
6	1278 106 103	106	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5210
6	1338 106 103	106	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5110
	1428 106 103	106	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1411
	1516 106 103	106	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1098 106 103	105	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210
1188 106 103	105	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1411
1278 106 103	105	3/8	36	101	101	0 X 0	1/4	0	5110	1411	5210
1338 106 103	105	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5110
1428 106 103	105	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1411
1516 106 103	105	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
1098 106 103	104	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210
1188 106 103	104	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1411
1278 106 103	104	3/8	36	101	101	0 X 0	1/4	0	5110	1411	5210
1338 106 103	104	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5110
1428 106 103	104	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1411
1516 106 103	104	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-81-490

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 9-2-69

REVISIONS

	PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
	2098 106 103	300	120	42	42	411	411	120	42	42	411	411	120	42	42	411	411
6	2188 106 103	300	122	42	42	411	411	122	42	42	411	411	122	42	42	411	411
6	2278 106 103	300	122	36	36	411	411	122	36	36	411	411	122	36	36	411	411
6	2338 106 103	300	122	36	36	411	411	122	36	36	411	411	122	36	36	411	411
6	2428 106 103	300	122	42	42	411	411	122	42	42	411	411	122	42	42	411	411
	2518 106 103	300	120	42	42	411	411	120	42	42	411	411	120	42	42	411	411

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	2098 106 103	106	3/8	36	101	101	0 X 0	1/4	0	5010	5210	1212
6	2188 106 103	106	3/8	42	101	101	0 X 0	1/4	0	1611	5210	1111
	2278 106 103	106	3/8	36	101	101	0 X 0	1/4	0	5110	1111	5210
	2338 106 103	106	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5110
6	2428 106 103	106	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1611
	2518 106 103	106	3/8	36	101	101	0 X 0	1/4	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2098 106 103	105	3/8	36	101	101	0 X 0	1/4	0	5010	5210	1212
2188 106 103	105	3/8	36	101	101	0 X 0	1/4	0	1611	5210	1111
2278 106 103	105	3/8	36	101	101	0 X 0	1/4	0	5110	1111	5210
2338 106 103	105	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5110
2428 106 103	105	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1611
2518 106 103	105	3/8	36	101	101	0 X 0	1/4	0	1212	5210	5010

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2098 106 103	104	3/8	36	101	101	0 X 0	1/4	0	5010	5210	1212
2188 106 103	104	3/8	36	101	101	0 X 0	1/4	0	1611	5210	1111
2278 106 103	104	3/8	36	101	101	0 X 0	1/4	0	5110	1111	5210
2338 106 103	104	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5110
2428 106 103	104	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1611
2518 106 103	104	3/8	36	101	101	0 X 0	1/4	0	1212	5210	5010

4-B1-491

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 9-2-69

REVISIONS

	PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
6	309B 106 103	300	122	50	50	411	411	122	50	50	411	411	122	50	50	411	411
	318B 106 103	300	120	50	50	411	411	120	50	50	411	411	120	50	50	411	411
6	327B 106 103	300	122	46	46	411	411	122	50	50	411	411	122	50	50	411	411
6	333B 106 103	300	122	50	50	411	411	122	50	50	411	411	122	50	50	411	411
	342B 106 103	300	120	55	55	411	411	120	55	55	411	411	120	55	55	411	411
6	351B 106 103	300	122	55	55	411	411	122	55	55	411	411	122	55	55	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
309B 106 103	106	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210
318B 106 103	106	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1411
327B 106 103	106	3/8	42	101	101	0 X 0	1/4	0	5110	1411	5210
333B 106 103	106	3/8	42	101	101	0 X 0	1/4	0	5210	1411	5110
342B 106 103	106	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1411
351B 106 103	106	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
309B 106 103	105	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210
318B 106 103	105	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1411
327B 106 103	105	3/8	36	101	101	0 X 0	1/4	0	5110	1411	5210
333B 106 103	105	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5110
342B 106 103	105	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1411
351B 106 103	105	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
309B 106 103	104	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210
318B 106 103	104	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1411
327B 106 103	104	3/8	36	101	101	0 X 0	1/4	0	5110	1411	5210
333B 106 103	104	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5110
342B 106 103	104	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1411
351B 106 103	104	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210

4-B1-492

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 9-2-69

REVISIONS

	PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
	4098 106 103	300	120	42	42	411	411	120	42	42	411	411	120	42	42	411	411
6	4188 106 103	300	122	42	42	411	411	122	42	42	411	411	122	42	42	411	411
6	4278 106 103	300	122	36	36	411	411	122	36	36	411	411	122	36	36	411	411
6	4338 106 103	300	122	36	36	411	411	122	36	36	411	411	122	36	36	411	411
6	4428 106 103	300	122	42	42	411	411	122	42	42	411	411	122	42	42	411	411
	4518 106 103	300	120	42	42	411	411	120	42	42	411	411	120	42	42	411	411

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	4098 106 103	106	3/8	36	101	101	0 X 0	1/4	0	5010	5210	1212
6	4188 106 103	106	3/8	42	101	101	0 X 0	1/4	0	1611	5210	1111
	4278 106 103	106	3/8	36	101	101	0 X 0	1/4	0	5110	1111	5210
	4338 106 103	106	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5110
6	4428 106 103	106	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1611
	4518 106 103	106	3/8	36	101	101	0 X 0	1/4	0	1212	5210	5010

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
4098 106 103	105	3/8	36	101	101	0 X 0	1/4	0	5010	5210	1212
4188 106 103	105	3/8	36	101	101	0 X 0	1/4	0	1611	5210	1111
4278 106 103	105	3/8	36	101	101	0 X 0	1/4	0	5110	1111	5210
4338 106 103	105	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5110
4428 106 103	105	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1611
4518 106 103	105	3/8	36	101	101	0 X 0	1/4	0	1212	5210	5010

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
4098 106 103	104	3/8	36	101	101	0 X 0	1/4	0	5010	5210	1212
4188 106 103	104	3/8	36	101	101	0 X 0	1/4	0	1611	5210	1111
4278 106 103	104	3/8	36	101	101	0 X 0	1/4	0	5110	1111	5210
4338 106 103	104	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5110
4428 106 103	104	3/8	36	101	101	0 X 0	1/4	0	1111	5210	1611
4518 106 103	104	3/8	36	101	101	0 X 0	1/4	0	1212	5210	5010

4-81-493

WORTHINGTON, SKILLING, HELLE & JACKSON — Civil & Structural Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 6-21-67

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
2008 106 104	210	120	55	55	411	411	520	55	55	0	0	120	50	50	411	411
4008 106 104	210	120	55	55	411	411	520	55	55	0	0	120	50	50	411	411

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2008 106 104	106	3/8	50	111	111	0 X 0	1/4	0	1313	5010	5610
4008 106 104	106	3/8	50	111	111	0 X 0	1/4	0	1313	5010	5610

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
2008 106 104	105	3/8	50	111	111	0 X 0	1/4	0	1313	5010	5610
4008 106 104	105	3/8	50	111	111	0 X 0	1/4	0	1313	5010	5610

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
NO. 34360
OF THE STATE OF NEW YORK

4-B1-494

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 11/10/69

REVISIONS

	PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
	106B 107 104	320	120	45	45	0	411	120	45	45	0	411	120	45	45	0	411
6	124B 107 104	320	122	45	45	0	411	122	45	45	0	411	122	45	45	0	411
6	136B 107 104	320	122	50	50	0	411	122	50	50	0	411	122	50	50	0	411
	154B 107 104	320	120	50	50	0	411	120	50	50	0	411	120	50	50	0	411
	206B 107 104	320	120	42	42	0	411	120	42	42	0	411	120	42	42	0	411
6	224B 107 104	320	122	36	36	0	411	122	36	36	0	411	122	36	36	0	411
6	236B 107 104	320	122	36	36	0	411	122	36	36	0	411	122	36	36	0	411
	254B 107 104	320	120	36	36	0	411	120	36	36	0	411	120	36	36	0	411

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
8	106B 107 104	107	3/8	36	301	302	0 X 0	1/4	0	4722	6120	4721
8	124B 107 104	107	3/8	42	301	302	0 X 0	1/4	0	4721	6120	4721
8	136B 107 104	107	3/8	42	302	301	0 X 0	1/4	0	4721	6120	4721
8	154B 107 104	107	3/8	36	302	301	0 X 0	1/4	0	4721	6120	4722
8	206B 107 104	107	3/8	36	301	301	0 X 0	1/4	0	6320	4711	6320
8	224B 107 104	107	3/8	36	302	302	0 X 0	1/4	0	4712	6120	4712
8	236B 107 104	107	3/8	36	302	302	0 X 0	1/4	0	4712	6120	4712
8	254B 107 104	107	3/8	36	301	301	0 X 0	1/4	0	6320	4711	6320

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	1311	5110	1411
124B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	1411	5110	1411
136B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	1411	5110	1411
154B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	1411	5110	1311
206B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110
224B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
236B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
254B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
106B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	1311	5110	1411
124B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	1411	5110	1411
136B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	1411	5110	1411
154B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	1411	5110	1311
206B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110
224B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
236B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
254B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-B1-495

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	11/10/69

REVISIONS

	PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
	115B 107 104	310	120	46	46	0	411	120	46	46	0	411	120	46	46	0	411
	145B 107 104	310	120	50	50	0	411	120	50	50	0	411	120	50	50	0	411
6	215B 107 104	310	122	36	36	0	411	122	42	42	0	411	122	42	42	0	411
6	245B 107 104	310	122	36	36	0	411	122	36	36	0	411	122	36	36	0	411

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
8	115B 107 104	107	3/8	36	302	301	0 X 0	1/4	0	6120	4721	6120
8	145B 107 104	107	3/8	36	301	302	0 X 0	1/4	0	6120	4721	6120
8	215B 107 104	107	3/8	42	301	302	0 X 0	1/4	0	4711	6320	7010
8	245B 107 104	107	3/8	42	302	301	0 X 0	1/4	0	7010	6320	4711

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
115B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	5110	1411	5110
145B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	5110	1411	5110
215B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	1212	5510	5110
245B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	5110	5310	1212

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
115B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	5110	1411	5110
145B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	5110	1411	5110
215B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	1212	5510	5110
245B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	5110	5310	1212

4-81-496

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

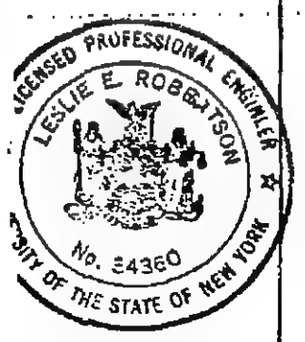
PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 11/10/69

REVISIONS

	PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
	306B 107 104	320	120	45	45	0	411	120	45	45	0	411	120	45	45	0	411
6	324B 107 104	320	122	45	45	0	411	122	45	45	0	411	122	45	45	0	411
6	336B 107 104	320	122	50	50	0	411	122	50	50	0	411	122	50	50	0	411
	354B 107 104	320	120	50	50	0	411	120	50	50	0	411	120	50	50	0	411
	406B 107 104	320	120	42	42	0	411	120	42	42	0	411	120	42	42	0	411
6	424B 107 104	320	122	36	36	0	411	122	36	36	0	411	122	36	36	0	411
6	436B 107 104	320	122	36	36	0	411	122	36	36	0	411	122	36	36	0	411
	454B 107 104	320	120	36	36	0	411	120	36	36	0	411	120	36	36	0	411

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
8	306B 107 104	107	3/8	36	301	302	0 X 0	1/4	0	4722	6120	4721
8	324B 107 104	107	3/8	42	301	302	0 X 0	1/4	0	4721	6120	4721
8	336B 107 104	107	3/8	42	302	301	0 X 0	1/4	0	4721	6120	4721
8	354B 107 104	107	3/8	36	302	301	0 X 0	1/4	0	4721	6120	4722
8	406B 107 104	107	3/8	36	301	301	0 X 0	1/4	0	6320	4711	6320
8	424B 107 104	107	3/8	36	302	302	0 X 0	1/4	0	4712	6120	4712
8	436B 107 104	107	3/8	36	302	302	0 X 0	1/4	0	4712	6120	4712
8	454B 107 104	107	3/8	36	301	301	0 X 0	1/4	0	6320	4711	6320

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	1311	5110	1411
324B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	1411	5110	1411
336B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	1411	5110	1411
354B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	1411	5110	1311
406B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110
424B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
436B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
454B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110



PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
306B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	1311	5110	1411
324B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	1411	5110	1411
336B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	1411	5110	1411
354B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	1411	5110	1311
406B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110
424B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
436B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	1111	5110	1111
454B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	5110	1212	5110

4-B1-497

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 11/10/69

REVISIONS

	PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
	315B 107 104	310	120	45	45	0	411	120	45	45	0	411	120	45	45	0	411
	345B 107 104	310	120	50	50	0	411	120	50	50	0	411	120	50	50	0	411
6	415B 107 104	310	122	36	36	0	411	122	42	42	0	411	122	42	42	0	411
6	445B 107 104	310	122	36	36	0	411	122	36	36	0	411	122	36	36	0	411

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
8	315B 107 104	107	3/8	36	302	301	0 X 0	1/4	0	6120	4721	6120
8	345B 107 104	107	3/8	36	301	302	0 X 0	1/4	0	6120	4721	6120
8	415B 107 104	107	3/8	42	301	302	0 X 0	1/4	0	4711	6320	7010
8	445B 107 104	107	3/8	42	302	301	0 X 0	1/4	0	7010	6320	4711

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
315B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	5110	1411	5110
345B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	5110	1411	5110
415B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	1212	5510	5110
445B 107 104	106	3/8	36	101	101	0 X 0	1/4	0	5110	5310	1212

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
315B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	5110	1411	5110
345B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	5110	1411	5110
415B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	1212	5510	5110
445B 107 104	105	3/8	36	101	101	0 X 0	1/4	0	5110	5310	1212

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 11/10/69

REVISIONS

	PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
6	112B 107 105	230	122	45	45	0	411	122	45	45	0	411	122	45	45	0	411
6	130B 107 105	230	124	45	45	0	411	124	45	45	0	411	124	45	45	0	411
6	148B 107 105	230	122	46	46	0	411	122	46	46	0	411	122	46	46	0	411
	212B 107 105	230	120	36	36	0	411	120	36	36	0	411	120	36	36	0	411
6	230B 107 105	230	124	36	36	0	411	124	36	36	0	411	124	36	36	0	411
	248B 107 105	230	120	36	36	0	411	120	36	36	0	411	120	36	36	0	411

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
8	112B 107 105	107	3/8	42	302	302	0 X 0	1/4	0	4721	6220	4721
8	130B 107 105	107	3/8	42	302	302	0 X 0	1/4	0	4721	6220	4721
8	148B 107 105	107	3/8	42	302	302	0 X 0	1/4	0	4721	6220	4721
8	212B 107 105	107	3/8	36	301	301	0 X 0	1/4	0	6220	7010	6220
8	230B 107 105	107	3/8	42	302	302	0 X 0	1/4	0	4712	6220	4712
8	248B 107 105	107	3/8	36	301	301	0 X 0	1/4	0	6220	7010	6220

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	112B 107 105	106	3/8	36	101	101	0 X 0	1/4	0	1511	5210	1411
6	130B 107 105	106	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
	148B 107 105	106	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1511
	212B 107 105	106	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
6	230B 107 105	106	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1111
	248B 107 105	106	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-81-499

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 11/10/69

REVISIONS

	PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
	103B 107 105	220	120	42	42	0	411	120	42	42	0	411	120	42	42	0	411
	121B 107 105	220	120	42	42	0	411	120	42	42	0	411	120	42	42	0	411
	139B 107 105	220	120	46	46	0	411	120	46	46	0	411	120	46	46	0	411
	157B 107 105	220	120	45	45	0	411	120	42	42	0	411	120	45	45	0	411
	203B 107 105	220	120	46	46	0	411	120	36	36	0	411	120	46	46	0	411
6	221B 107 105	220	122	36	36	0	411	122	36	36	0	411	122	36	36	0	411
6	239B 107 105	220	122	36	36	0	411	122	36	36	0	411	122	36	36	0	411
	257B 107 105	220	120	36	36	0	411	120	36	36	0	411	120	46	46	0	411

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
8	103B 107 105	107	3/8	42	301	301	0 X 0	1/4	0	7020	7020	6220
8	121B 107 105	107	3/8	36	301	301	0 X 0	1/4	0	6220	4721	6220
8	139B 107 105	107	3/8	36	301	301	0 X 0	1/4	0	6220	4721	6220
8	157B 107 105	107	3/8	42	301	301	0 X 0	1/4	0	6220	7020	7020
8	203B 107 105	107	3/8	46	301	301	0 X 0	1/4	0	4711	6220	7010
8	221B 107 105	107	3/8	42	302	302	0 X 0	1/4	0	6220	4712	6220
8	239B 107 105	107	3/8	42	302	302	0 X 0	1/4	0	6220	4712	6220
8	257B 107 105	107	3/8	46	301	301	0 X 0	1/4	0	7010	6220	4711

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
103B 107 105	106	3/8	42	111	101	0 X 0	1/4	0	5110	1311	5210
121B 107 105	106	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210
139B 107 105	106	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210
157B 107 105	106	3/8	42	101	111	0 X 0	1/4	0	5210	1311	5110
203B 107 105	106	3/8	46	111	101	0 X 0	1/4	0	1013	5210	5010
221B 107 105	106	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
239B 107 105	106	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
257B 107 105	106	3/8	46	101	111	0 X 0	1/4	0	5010	5210	1013

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — STATE OF NEW YORK

4-B1-500

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 11/10/69

REVISIONS

	PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
6	3128 107 105	230	122	42	42	0	411	122	42	42	0	411	122	42	42	0	411
6	3308 107 105	230	124	45	45	0	411	124	45	45	0	411	124	45	45	0	411
6	3488 107 105	230	122	45	45	0	411	122	45	45	0	411	122	45	45	0	411
	4128 107 105	230	120	36	36	0	411	120	36	36	0	411	120	36	36	0	411
6	4308 107 105	230	124	36	36	0	411	124	36	36	0	411	124	36	36	0	411
	4488 107 105	230	120	36	36	0	411	120	36	36	0	411	120	36	36	0	411

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
8	3128 107 105	107	3/8	42	302	302	0 X 0	1/4	0	4721	6220	4721
8	3308 107 105	107	3/8	42	302	302	0 X 0	1/4	0	4721	6220	4721
8	3488 107 105	107	3/8	42	302	302	0 X 0	1/4	0	4721	6220	4721
8	4128 107 105	107	3/8	36	301	301	0 X 0	1/4	0	6220	7010	6220
8	4308 107 105	107	3/8	42	302	302	0 X 0	1/4	0	4712	6220	4712
8	4488 107 105	107	3/8	36	301	301	0 X 0	1/4	0	6220	7010	6220

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
	3128 107 105	106	3/8	36	101	101	0 X 0	1/4	0	1511	5210	1411
6	3308 107 105	106	3/8	42	101	101	0 X 0	1/4	0	1411	5210	1411
	3488 107 105	106	3/8	36	101	101	0 X 0	1/4	0	1411	5210	1511
	4128 107 105	106	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210
6	4308 107 105	106	3/8	42	101	101	0 X 0	1/4	0	1111	5210	1111
	4488 107 105	106	3/8	36	101	101	0 X 0	1/4	0	5210	5010	5210

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-81-501

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 11/10/69

REVISIONS

	PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
	303B 107 105	220	120	42	42	0	411	120	42	42	0	411	120	42	42	0	411
	321B 107 105	220	120	42	42	0	411	120	42	42	0	411	120	42	42	0	411
	339B 107 105	220	120	45	45	0	411	120	45	45	0	411	120	45	45	0	411
	357B 107 105	220	120	45	45	0	411	120	42	42	0	411	120	42	42	0	411
	403B 107 105	220	120	46	46	0	411	120	36	36	0	411	120	46	46	0	411
6	421B 107 105	220	122	36	36	0	411	122	36	36	0	411	122	36	36	0	411
6	439B 107 105	220	122	36	36	0	411	122	36	36	0	411	122	36	36	0	411
	457B 107 105	220	120	36	36	0	411	120	36	36	0	411	120	46	46	0	411

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
8	303B 107 105	107	3/8	42	301	301	0 X 0	1/4	0	7020	7020	6220
8	321B 107 105	107	3/8	36	301	301	0 X 0	1/4	0	6220	4721	6220
8	339B 107 105	107	3/8	36	301	301	0 X 0	1/4	0	6220	4721	6220
8	357B 107 105	107	3/8	42	301	301	0 X 0	1/4	0	6220	7020	7020
8	403B 107 105	107	3/8	46	301	301	0 X 0	1/4	0	4711	6220	7010
8	421B 107 105	107	3/8	42	302	302	0 X 0	1/4	0	6220	4712	6220
8	439B 107 105	107	3/8	42	302	302	0 X 0	1/4	0	6220	4712	6220
8	457B 107 105	107	3/8	46	301	301	0 X 0	1/4	0	7010	6220	4711

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
303B 107 105	106	3/8	42	111	101	0 X 0	1/4	0	5110	1311	5210
321B 107 105	106	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210
339B 107 105	106	3/8	36	101	101	0 X 0	1/4	0	5210	1411	5210
357B 107 105	106	3/8	42	101	111	0 X 0	1/4	0	5210	1311	5110
403B 107 105	106	3/8	46	111	101	0 X 0	1/4	0	1013	5210	5010
421B 107 105	106	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
439B 107 105	106	3/8	36	101	101	0 X 0	1/4	0	5210	1111	5210
457B 107 105	106	3/8	46	101	111	0 X 0	1/4	0	5010	5210	1013

LICENSED PROFESSIONAL ENGINEER — LESLIE E. ROBERTSON — No. 34360 — UNIVERSITY OF THE STATE OF NEW YORK

4-81-502

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	11/10/69

REVISIONS

PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
1008 107 105	240	120	50	50	0	411	520	50	50	0	0	120	50	50	0	411
3008 107 105	240	120	50	50	0	411	520	50	50	0	0	120	50	50	0	411

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
8	1008 107 105	107	3/8	50	301	301	0 X 0	1/4	0	6620	6020	6720
8	3008 107 105	107	3/8	50	301	301	0 X 0	1/4	0	6620	6020	6720

PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPANDREL PLATE FY4	SPANDREL PLATE SCL	SPANDREL PLATE SCR	WELDMENTS NO 5	WELDMENTS NO 6	WELDMENTS NO 7	SEAT DETAIL COL 1	SEAT DETAIL COL 2	SEAT DETAIL COL 3
1008 107 105	106	3/8	50	111	111	0 X 0	1/4	0	5410	5010	1313
3008 107 105	106	3/8	50	111	111	0 X 0	1/4	0	5410	5010	1313

LICENSED PROFESSIONAL ENGINEER
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UNIVERSITY OF THE STATE OF NEW YORK

4-81-503

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 11/10/69

REVISIONS

	PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
	118B 107 106	140	120	45	45	0	411	120	45	45	0	411	120	42	42	0	411
	142B 107 106	140	120	46	46	0	411	120	46	46	0	411	120	45	45	0	411
6	218B 107 106	140	124	36	36	0	411	124	36	36	0	411	124	36	36	0	411
6	242B 107 106	140	124	36	36	0	411	124	36	36	0	411	124	36	36	0	411

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
8	118B 107 106	107	3/8	36	301	301	0 X 0	1/4	0	4721	6220	4721
8	142B 107 106	107	3/8	36	301	301	0 X 0	1/4	0	4721	6220	4721
8	218B 107 106	107	3/8	42	302	302	0 X 0	1/4	0	6220	4731	4712
8	242B 107 106	107	3/8	42	302	302	0 X 0	1/4	0	4712	4731	6220

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4-B1-504

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 11/10/69

REVISIONS

	PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	FY1	FY2	CSU	CSL	COLUMN 2 TYPE	FY1	FY2	CSU	CSL	COLUMN 3 TYPE	FY1	FY2	CSU	CSL
6	109B 107 106	130	122	45	45	0	411	122	45	45	0	411	122	45	45	0	411
6	127B 107 106	130	124	42	42	0	411	124	42	42	0	411	124	45	45	0	411
6	133B 107 106	130	124	45	45	0	411	124	45	45	0	411	124	45	45	0	411
6	151B 107 106	130	122	46	46	0	411	122	45	45	0	411	122	45	45	0	411
	209B 107 106	130	120	36	36	0	411	120	36	36	0	411	120	36	36	0	411
6	227B 107 106	130	124	36	36	0	411	124	36	36	0	411	124	36	36	0	411
6	233B 107 106	130	124	36	36	0	411	124	36	36	0	411	124	36	36	0	411
	251B 107 106	130	120	36	36	0	411	120	36	36	0	411	120	36	36	0	411

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	FY4	SCL	SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
8	109B 107 106	107	3/8	42	302	302	0 X 0	1/4	0	6220	4721	6220
8	127B 107 106	107	3/8	42	302	302	0 X 0	1/4	0	6120	4721	6220
8	133B 107 106	107	3/8	42	302	302	0 X 0	1/4	0	6220	4721	6120
8	151B 107 106	107	3/8	42	302	302	0 X 0	1/4	0	6220	4721	6220
8	209B 107 106	107	3/8	36	301	301	0 X 0	1/4	0	7010	6220	4711
8	227B 107 106	107	3/8	42	302	302	0 X 0	1/4	0	6120	4712	6220
8	233B 107 106	107	3/8	42	302	302	0 X 0	1/4	0	6220	4712	6120
8	251B 107 106	107	3/8	36	301	301	0 X 0	1/4	0	4711	6220	7010

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4-81-505

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	EXTERIOR WALL PANEL SCHEDULE	11/10/69

REVISIONS

	PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
	318B 107 106	140	120	42	42	0	411	120	42	42	0	411	120	42	42	0	411
	342B 107 106	140	120	45	45	0	411	120	45	45	0	411	120	45	45	0	411
6	418B 107 106	140	124	36	36	0	411	124	36	36	0	411	124	36	36	0	411
6	442B 107 106	140	124	36	36	0	411	124	36	36	0	411	124	36	36	0	411

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SP FY4	SP SCL	SP SCR	WELDMENTS NO 5	WELD NO 6	WELD NO 7	SEAT DETAIL COL 1	COL 2	COL 3
8	318B 107 106	107	3/8	36	301	301	0 X 0	1/4	0	4721	6220	4721
8	342B 107 106	107	3/8	36	301	301	0 X 0	1/4	0	4721	6220	4721
8	418B 107 106	107	3/8	42	302	302	0 X 0	1/4	0	6220	4731	4712
8	442B 107 106	107	3/8	42	302	302	0 X 0	1/4	0	4712	4731	6220

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4-81-506

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — **Structural & Civil Engineers**

PROJECT: THE WORLD TRADE CENTER | TITLE: EXTERIOR WALL PANEL SCHEDULE | DATE: 11/10/69

REVISIONS

	PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
6	309B 107 106	130	122	42	42	0	411	122	42	42	0	411	122	42	42	0	411
6	327B 107 106	130	124	42	42	0	411	124	42	42	0	411	124	42	42	0	411
6	333B 107 106	130	124	45	45	0	411	124	45	45	0	411	124	45	45	0	411
6	351B 107 106	130	122	45	45	0	411	122	45	45	0	411	122	45	45	0	411
	409B 107 106	130	120	36	36	0	411	120	36	36	0	411	120	36	36	0	411
6	427B 107 106	130	124	36	36	0	411	124	36	36	0	411	124	36	36	0	411
6	433B 107 106	130	124	36	36	0	411	124	36	36	0	411	124	36	36	0	411
	451B 107 106	130	120	36	36	0	411	120	36	36	0	411	120	36	36	0	411

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPL FY4	SPL SCL	SPL SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
8	309B 107 106	107	3/8	42	302	302	0 X 0	1/4	0	6220	4721	6220
8	327B 107 106	107	3/8	42	302	302	0 X 0	1/4	0	6120	4721	6220
8	333B 107 106	107	3/8	42	302	302	0 X 0	1/4	0	6220	4721	6120
8	351B 107 106	107	3/8	42	302	302	0 X 0	1/4	0	6220	4721	6220
8	409B 107 106	107	3/8	36	301	301	0 X 0	1/4	0	7010	6220	4711
8	427B 107 106	107	3/8	42	302	302	0 X 0	1/4	0	6120	4712	6220
8	433B 107 106	107	3/8	42	302	302	0 X 0	1/4	0	6220	4712	6120
8	451B 107 106	107	3/8	36	301	301	0 X 0	1/4	0	4711	6220	7010

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4-81-507

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON — Structural & Civil Engineers

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PANEL NUMBER	PANEL TYPE	COLUMN 1 TYPE	COL 1 FY1	COL 1 FY2	COL 1 CSU	COL 1 CSL	COLUMN 2 TYPE	COL 2 FY1	COL 2 FY2	COL 2 CSU	COL 2 CSL	COLUMN 3 TYPE	COL 3 FY1	COL 3 FY2	COL 3 CSU	COL 3 CSL
2008 107 106	150	120	50	50	0	411	0	0	0	0	0	120	50	50	0	411
4008 107 106	150	120	50	50	0	411	0	0	0	0	0	120	50	50	0	411

	PANEL NUMBER	FLOOR	SPANDREL PLATE T4	SPAN FY4	SPAN SCL	SPAN SCR	WELDMENTS NO 5	NO 6	NO 7	SEAT DETAIL COL 1	COL 2	COL 3
8	2008 107 106	107	3/8	50	301	301	0 X 0	1/4	0	6520	6020	6820
8	4008 107 106	107	3/8	50	301	301	0 X 0	1/4	0	6520	6020	6820

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4-81-508

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